Montgomery Ward & Co.'s

CATALOGUE OF

BUILDING MATERIAL

For Contractors and Builders,
and for the City Man or Farmer
who Intends to Build Anything.

Dividend Certificates are no longer issued. All references herein to Certificates are VOID.

All goods in this catalogue are of highest quality and are guaranteed to suit you in every respect or your money refunded.

All goods in this catalogue carried by Chicago house only. Do not send orders to Kansas City Branch, as stock is not carried there.

Prices Herein are Obtainable Only of

Montgomery Ward & Co.

CHICAGO

With Every Purchase of One Dollar and Over Made from Our Catalogue
You Receive a Valuable

Montgomery Ward & Co.

DIVIDEND CERTIFICATE

For the Full Amount of Your Purchase

As soon as you have received Dividend Certificates amounting to fifty dollars you can have this beautiful Morris Chair, or you can make

YOUR OWN SELECTION

from a large line of valuable premiums, all listed and explained in our New Book of Premiums, and the premium you select is sent you without cost, except the freight. We also present our customers with more valuable premiums still, when they save up their Certificates to larger amounts than fifty dollars, and in this way by just buying of us your Furniture, Carpets, Wall Paper, and the things that you must buy somewhere, it is possible for you to obtain, without any cost, your choice of valuable articles described in our New Book of Premiums, sent you free on request.

This Elegant MORRIS CHAIR FREE!

No. DC 2101. Not one dollar need you pay for this elegant article of Furniture by Our Dividend Plan. Save the Dividend Certificates we send you with all your purchases. When they amount to **$50.00**, this rich, comfortable Morris Chair is yours, **Free.**

This large, full-sized Morris Reclining Chair is made of solid selected oak in the improved golden color, and is so constructed that the back of the chair can be adjusted to almost any angle. The cushions are upholstered in velour plush, and may be either plain or figured, and red or green as you choose. The frame of this beautiful Morris chair is extra heavy, the arms being nearly six inches wide. Note the rich heavy carving on the front, and the large carved claw feet. Weight 50 lbs.

Our Club Plan is for your benefit, to aid you to more quickly secure free the valuable article or articles in our Premium List that you desire. Our Club Plan is simply for you to call upon your neighbors and interest them in our low prices as found in our Catalogues and secure their consent to let you send to us for goods they want, and to let the goods come in your name, in order that you may have a larger sized Dividend Certificate. The bigger the amount of these certificates the sooner you secure your reward. Read about our Club Plan in the preceding pages. You can buy your groceries, and everything else cheaper of us than elsewhere, and get Dividend Certificates with every dollar's worth you buy. $50.00 worth of these Dividend Certificates will secure this massive Morris Reclining Chair free.

Montgomery Ward & Co., Chicago and Kansas City

Montgomery Ward & Co.'s

BOOK OF

Building Material

WE have brought together here and classified in one division of our establishment everything that a man can use in building any building or in enlarging, repairing or improving his present buildings. *We do not sell lumber*, brick or building stone, but we do sell, as shown in detail in these pages, the following items that will be of special interest to every farmer, planter, ranchman, house owner, and contractor and builder.

Mill Work. Sash, Doors and Blinds, Oriel Windows, Interior Finish, Stairs, Grilles, Porch Material, Storm Sash, etc.

Builders' Hardware.

Roofing. Metal Roofing, Felt Roofing, Rubber Roofing, Roof Trimmings.

Metal Ceilings.

Paints, Oils and Varnishes.

Heating Goods. Steam Boilers, Hot Water Boilers, Hot Air Furnaces, Radiators, Pipes, Valves, Fittings, Pipe Coverings, Steam and Altitude Gauges, etc.

Plumbing Goods. Bath Room Outfits, Bath Tubs, Lavatories, Sanitary Laundry Tubs, Kitchen Sinks, Range Boilers, Water Closets, Soil Pipe and Fittings, Lead Pipe, Sheet Lead.

Electric Supplies. Rubber Covered Wire, Electric Supplies, Fuse Cut-outs, Electric Lamps, Sockets, Lamp Cord, Porcelain Cleats and Tubes, Electric Batteries, Bells, Bell Outfits, Annunciators, Bell Wire, Burglar Alarm Annunciators and Window and Door Attachments for same.

Lighting Fixtures. Gas, Electric and Combination.

Mantels, Grates, etc.

Qualities Are Guaranteed

We list herein only the very best grade of materials in their respective lines, and in comparing our prices with others, you should bear this fact in mind. We appeal to the buyers of quality goods, and if there is any place in the world where a man wants honest goods it is in the material of which he builds a permanent structure, his home or the shelter for his stock, the workshop, the barn, the various buildings about his place.

Our Prices Are Low. We are not undersold by any concern, and when quality is considered, our bed-rock quotations as shown in this catalogue are such as warrant all in placing their orders with us without delay.

Contractors and Builders. If you come under this class, if your trade or profession is such as calls for frequent and extensive purchases in lines shown in this catalogue, write us to that effect and we will list your name where every new catalogue or market quotation of ours is sent you promptly, to keep you advised of the newest and best things for your use at prices that will save you a great deal of money every season.

C
t
&
y
s
is
a
w

All goods listed in this Catalogue are supplied only from Chicago, and all prices on same are F. O. B. that point except where noted.

d
d.
e
n
we

Our Guarantee. Every article in this catalogue is guaranteed not only to be as represented but is also guaranteed to suit you in every way. We also guarantee safe delivery, and will make all shipments promptly. If upon arrival the goods you order do not suit you for any reason, write us, and we will direct you where to ship them back, and will promptly refund both your purchase price and freight. This is your positive protection in ordering of us, and is a rule we have lived up to conscientiously during a business career of 36 years.

Our Dividend Certificates. Exchangeable without charge for your selection from a large line of valuable *Free Premiums*, are sent with all orders amounting to one dollar and over. Our latest edition *Premium List* will be sent free on request.

No Building Contract is Too LARGE for Us. None is too small, either, to receive our careful, prompt and courteous attention. No matter what you want in the Building Material line, we have it or can get it for you at a decided saving in price; quality, satisfaction and safe delivery guaranteed.

WE SHIP IN PLAIN BOXES

Please note that our name will not appear on any box, barrel or other package containing goods you may order from this catalogue, so that no one will be able to ascertain where you purchase your goods by inspecting your shipments at the depot

Montgomery Ward & Co.

CHICAGO & KANSAS CITY

ERRATA

Substitute the following prices on doors BM 1, BM 11, BM 10, BM 14, BM 18, BM 12, BM 17 in place of prices printed in the book.

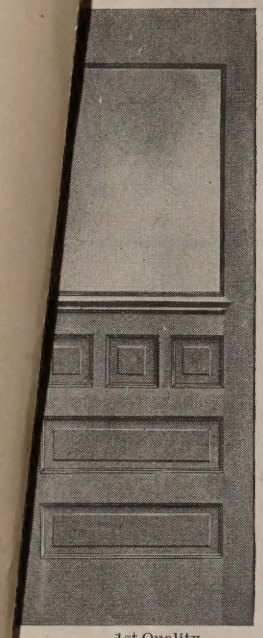
SIZES Ft. In.	SIZES Ft. In.	Inches Thick	BM 1. Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plate	BM 11. Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plate	BM 10. Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plate
2- 6	x 6- 6,	1⅜	$2.34	$3.00	$3.24	$3.35	$5.21	$2.13	$2.46	$2.71	$2.87	$4.67	$2.39	$3.05	$3.30	$3.45	$5.47
2- 8	x 6- 8,	1⅜	2.55	3.10	3.35	3.51	5.74	2.24	2.62	2.87	3.02	5.15	2.50	3.15	3.40	3.56	7.34
2-10	x 6-10,	1⅜	2.83	3.58	3.83	3.99	8.08	2.60	3.26	3.51	3.66	7.17	2.92	3.79	4.04	4.20	8.40
2- 8	x 7- 0,	1⅜	2.98	3.69	3.94	4.09	8.13	2.71	3.36	3.61	3.77	7.27	3.02	3.84	4.09	4.25	8.45
3- 0	x 7- 0,	1⅜	3.19	4.11	4.36	4.51	9.04	2.92	3.62	3.87	3.98	8.12	3.19	4.21	4.46	4.58	9.35

SIZES Ft. In.	SIZES Ft. In.	Inches Thick	BM 14. Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plate	BM 18. Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Plain Bevel	BM 12. Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plate	BM 17. Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plate
2- 6	x 6- 6,	1⅜	$2.71	$3.05	$3.30	$3.45	$5.21	$2.34	$2.99	$3.24	$3.40	$5.42	$2.88	$3.51	$3.76	$3.94	$5.79	$3.03	$3.41	$3.66	$3.78	$5.36
2- 8	x 6- 8,	1⅜	2.81	3.15	3.40	3.56	5.74	2.45	3.10	3.35	3.51	7.22	2.98	3.63	3.88	4.04	6.33	3.14	3.48	3.73	3.88	5.95
2-10	x 6-10,	1⅜	3.24	3.90	4.15	4.30	7.81	2.88	3.74	3.99	4.15	8.34	3.45	4.16	4.41	4.58	7.65	3.61	4.21	4.46	4.62	6.75
2- 8	x 7- 0,	1⅜	3.35	4.00	4.25	4.41	7.86	2.97	3.79	4.04	4.20	8.40	3.54	4.26	4.51	4.68	8.66	3.73	4.38	4.63	4.79	6.91
3- 0	x 7- 0,	1⅜	3.56	4.26	4.51	4.67	8.76	3.19	4.11	4.37	4.51	9.30	3.78	4.75	5.00	5.15	9.61	3.94	4.64	4.89	5.05	8.83

Page 5. Door BM-46 is 1⅜ in. instead of 1¾ in. thick as given.
Page 7. Door Numbers BM-39, BM-40, BM-41 should be BM-20, BM-21 and BM-22, respectively.
Glass Design BM-3355 should be BM-3365.
Pages 6 and 8. All Painted and Grained doors listed on these pages are 1⅜ in. thick.
Pages 11 and 12. All designs of Cottage Front Check Rail Windows listed on these pages are 1⅜ in. thick.
Page 16. Porch Brackets are 1¾ in. thick, instead of ⅞ in. as given.
BM-300 should be BM-100.
BM-34 should be BM-84
Page 21. Illustrations of Cove and Picture Mouldings are transposed. Size of Embossed Moulding BM-187 should be ¾ x ½ in. instead of ⅜ x 1½ in. as given.
Page 23. BM-233. Extreme height should be 5 ft. 10 in., instead of 5 ft. 2 in. as given.
Page 42. BM-350. Number of sheets to the square should be 8 3-5.
Page 43. Deduct 30c per keg from prices on nails.

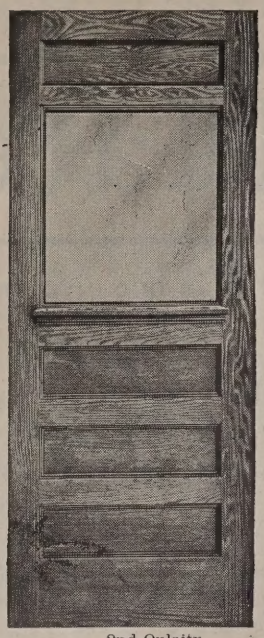
Cottage Front Doors

BM 1



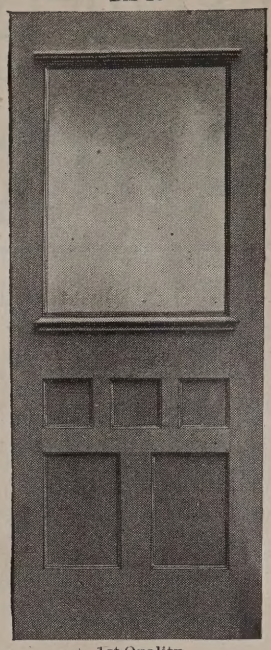
1st Quality
Illustration shows door glazed with ble strength glass.

BM 11



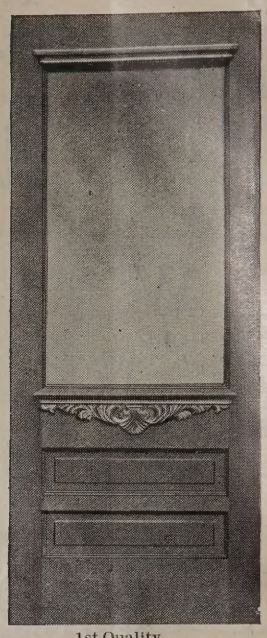
2nd Qulaity
This illustration shows door glazed with double strength glass.

BM 10



1st Quality
This illustration shows door glazed with double strength glass.

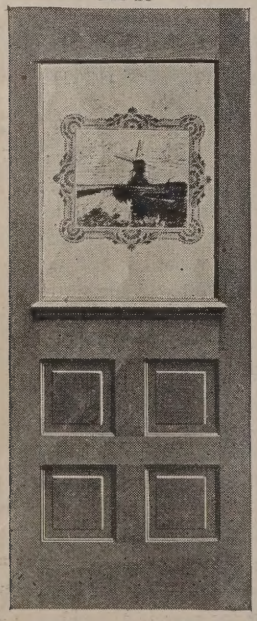
BM 13



1st Quality
This illustration shows door glazed with double strength glass.

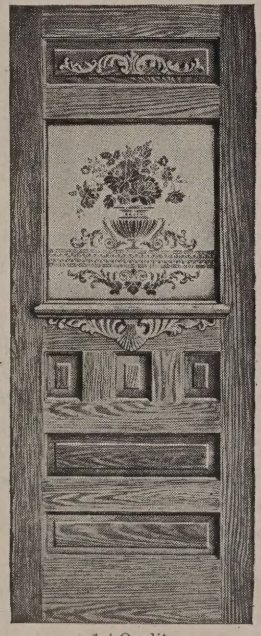
SIZES Ft.	In.	Inches Thick	BM 1. Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plate	BM 11. Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Blate	BM 10. Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plate	BM 13. Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plate
6-	6,	1⅜	$2.13	$2.46	$2.71	$2.87	$4.67	$2.39	$3.05	$3.30	$3.45	$5.47	$2.34	$3.00	$3.24	$3.35	$5.21	$2.50	$3.41	$3.66	$3.83	$8.08
6-	8,	1⅜	2.55	3.10	3.35	3.51	5.74	2.24	2.62	2.87	3.02	5.15	2.50	3.15	3.40	3.56	7.34	2.71	3.69	3.94	4.09	8.88
6-	10,	1⅜	2.88	3.58	3.83	3.99	8.08	2.60	3.26	3.51	3.66	7.17	2.92	3.79	4.04	4.20	8.40	3.19	4.26	4.51	4.68	10.15
2- 8 x 7-	0,	1⅜	2.98	3.69	3.94	4.09	8.13	2.71	3.36	3.61	3.77	7.27	3.02	3.84	4.09	4.25	8.45	3.30	4.33	4.58	4.73	10.20
3- 0 x 7-	0,	1⅜	3.19	4.11	4.36	4.51	9.04	2.92	3.62	3.87	3.98	8.12	3.19	4.21	4.46	4.58	9.35	3.45	4.69	4.94	5.10	11.26

BM 18



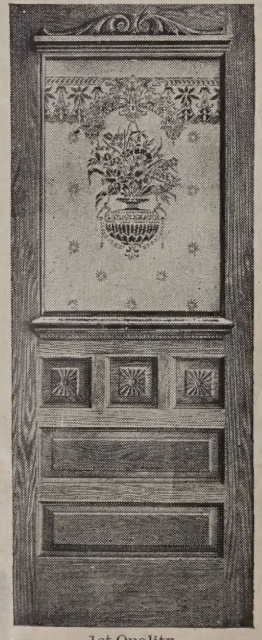
1st Quality
This illustration shows door glazed with glass design No. 3293.

BM 14



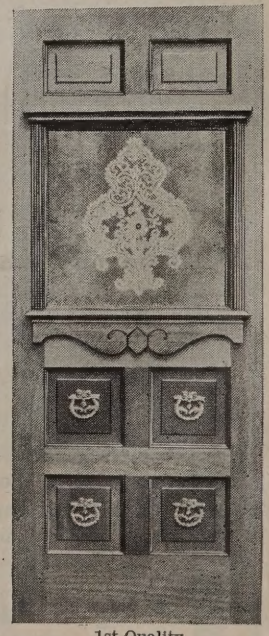
1st Quality
This illustration shows door glazed with glass design No. 3290.

BM 12



1st Quality
This illustration shows door glazed with glass design No. 3294.

BM 17



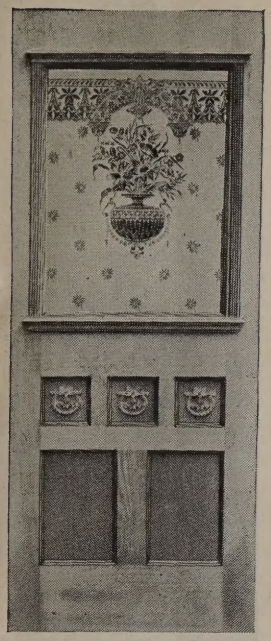
1st Quality
This illustration shows door glazed with glass design No. 3365.

SIZES Ft.	In.	Ft.	In.	Inches Thick	BM 18. Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plate	BM 14. Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Plain Bevel	BM 12. Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plate	BM 17. Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glaze Beve Plat
2- 8 x	6-	8;		1⅜	$2.71	$3.05	$3.30	$3.45	$5.21	$2.34	$2.99	$3.24	$3.40	$5.42	$2.88	$3.51	$3.76	$3.94	$5.79	$3.03	$3.41	$3.66	$3.78	$5.3
2-10 x	6-	10,		1⅜	2.81	3.15	3.40	3.56	5.74	2.45	3.10	3.35	3.51	7.22	2.98	3.63	3.88	4.04	6.33	3.14	3.48	3.73	3.88	5.9
2- 8 x	7-	0,		1⅜	3.24	3.90	4.15	4.30	7.81	2.88	3.74	3.99	4.15	8.34	3.45	4.16	4.41	4.58	7.65	3.61	4.21	4.46	4.62	6.7
3- 0 x	7-	0,		1⅜	3.35	4.00	4.25	4.41	7.86	2.97	3.79	4.04	4.20	8.40	3.54	4.26	4.51	4.68	8.66	3.73	4.38	4.63	4.79	6.9
2- 6 x	6-	6,		1⅜	3.56	4.26	4.51	4.67	8.76	3.19	4.11	4.37	4.51	9.30	3.78	4.75	5.00	5.15	9.61	3.94	4.64	4.89	5.05	8.8

All doors on this page are strictly first quality No. 1 white pine except where noted, clear Western stock permitted. All sizes listed are carried in stock in 1⅜ inch thickness. Odd sizes extra price. We can, however, supply any of these designs in 1½ inch thickness, but same would have to be made to order and it would require about thre weeks before shipment is made. Prices on 1¾ inch doors quoted o application. For the different designs of glass with which these doo are glazed, see page 7.

Cottage Front Doors

BM.-15

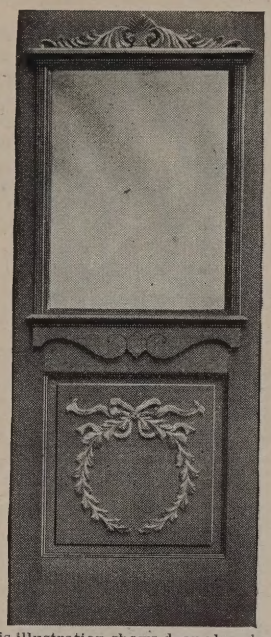


This illustration shows door with glass design No. 3294

BM 15.

SIZES In	Ft	In	Ins. Thick	Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plate
6	x 6-	6,	1⅜	$2.88	$3.53	$3.78	$3.94	$5.95
8	x 6-	8,	1⅜	2.98	3.63	3.88	4.04	7.81
10	x 6-	10,	1⅜	3.45	4.33	4.58	4.73	8.93
8	x 7-	0,	1⅜	3.56	4.38	4.63	4.79	8.98
0	x 7-	0,	1⅜	3.78	4.75	5.00	5.15	9.94

BM.-2

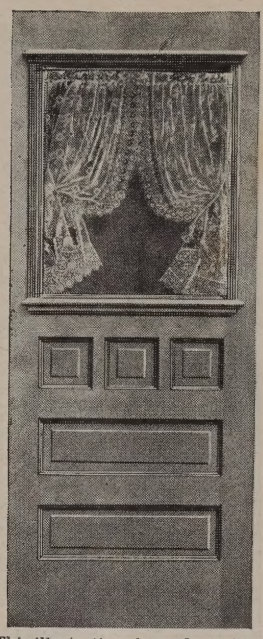


This illustration shows door glazed with plain, double strength glass

BM 2.

Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plate
$3.40	$4.05	$4.30	$4.46	$6.49
3.51	4.16	4.41	4.58	8.34
4.04	4.90	5.15	5.31	9.51
4.15	4.96	5.21	5.36	9.56
4.36	5.33	5.58	5.74	10.52

BM.-3

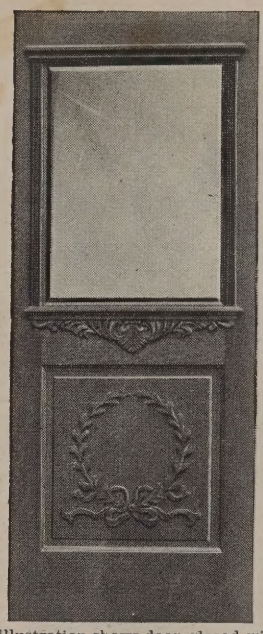


This illustration shows door glazed with design No. 3366

BM 3.

Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plate
$2.55	$3.20	$3.45	$3.61	$5.48
2.66	3.29	3.54	3.72	6.00
3.14	3.84	4.09	4.25	8.29
3.24	3.95	4.20	4.36	8.34
3.40	4.38	4.63	4.79	9.25

BM.-4



This illustration shows door glazed with Bevel Plate Glass

BM 4.

Open	Glazed Plain	Glazed 3290 3293 3292 3293	Glazed 3365 3366	Glazed Bevel Plate
$3.30	$3.95	$4.20	$4.36	$6.43
3.45	4.05	4.30	4.46	8.24
3.94	4.80	5.05	5.20	9.40
4.04	4.85	5.10	5.26	9.46
4.25	5.23	5.47	5.64	10.41

BM-16

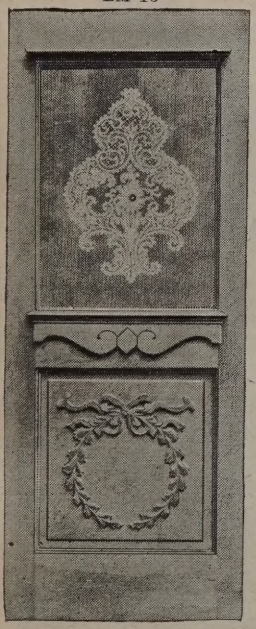
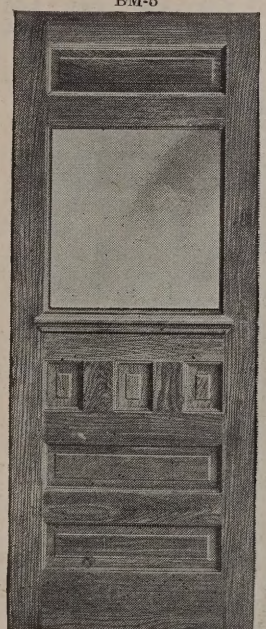


illustration shows door glazed with lass design No. 3365

BM 16.

SIZES n	Ft	In	Ins. Thick	Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plain
5	x 6-	6,	1⅜	$2.55	$3.84	$4.09	$4.25	$6.28
8	x 6-	8,	1⅜	3.30	3.95	4.20	4.37	8.08
0	x 6-	10,	1⅜	3.78	4.64	4.89	5.05	9.25
8	x 7-	0,	1⅜	3.88	4.69	4.94	5.10	9.30
0	x 7-	0,	1⅜	5.06	5.31	5.47	10.25	

BM-5

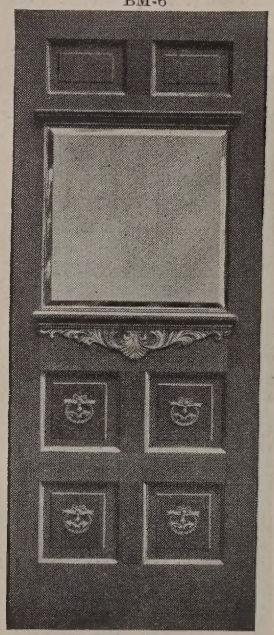


This illustration shows door glazed with Plain Donble Strength Glass

BM 5.

Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plain
$2.34	$2.73	$2.98	$3.14	$4.89
2.45	2.84	3.09	3.24	5.36
2.88	3.53	3.78	3.94	7.44
2.98	3.63	3.88	4.04	7.48
3.19	3.90	4.15	4.30	8.40

BM-6

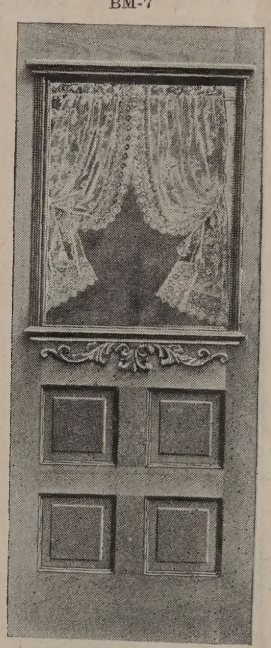


This illustration shows door glazed with Blate Gass

BM 6.

Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plain
$2.81	$3.20	$3.45	$3.61	$5.21
2.97	3.31	3.56	3.73	5.69
3.45	4.00	4.25	4.41	6.54
3.56	4.16	4.41	4.58	6.70
3.73	4.43	4.68	4.83	8.61

BM-7



This illustration shows door glazed with glass design No. 3366

BM 7.

Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plain
$2.75	$3.41	$3.66	$3.83	$5.85
2.88	3.53	3.78	3.94	7.65
3.35	4.21	4.46	4.58	8.83
3.45	4.26	4.51	4.63	8.88
3.66	4.64	4.89	5.00	9.78

ll doors shown on this page are strictly first quality, No. 1 white . Clear Western stock permitted. All sizes listed are carried in k in 1⅜ inch thickness. Odd sizes extra price.

e can, however, supply any of these designs in 1¾ inch thickness, but same will have to be made to order and it will require about three weeks to make delivery. Prices on the 1¾ inch doors quoted on application.

For the different designs of glass with which these doors are glazed see page 7.

Cottage Front Doors

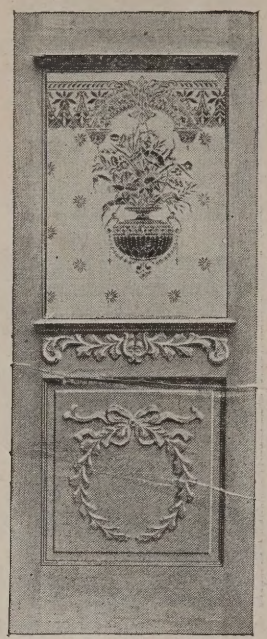
BM 8

This illustration shows door glazed with glass design No. 3366.

BM 8.

SIZES Ft. In.	SIZES Ft. In.	Inches Thick	Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3465 3366	Glazed Bevel Plate
2-	6 x 6-	6, 1⅜	$2.97	$3.63	$3.88	$4.04	$6.06
2-	8 x 6-	8, 1⅜	3.09	3.74	3.98	4.15	7.91
2-	10 x 6-	10, 1⅜	3.61	4.43	4.67	4.84	9.25
2-	8 x 7-	0, 1⅜	3.73	4.47	4.73	4.89	9.30
3-	0 x 7-	0, 1⅜	3.94	4.90	5.15	5.26	10.04

BM 9

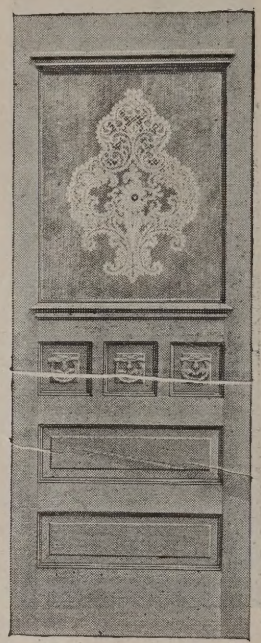


This illustration shows door glazed with glass design No. 3294.

BM 9.

Open	Glazed Plain	Glazed 3290 3293 3292 4294	Glazed 3365 3366	Glazed Bevel Plate
$3.24	$3.84	$4.09	$4.25	$6.33
3.35	3.95	4.20	4.36	8.13
3.83	4.69	4.92	5.05	9.30
3.94	4.75	5.00	5.10	9.35
4.15	5.11	5.36	5.53	10.31

BM 27

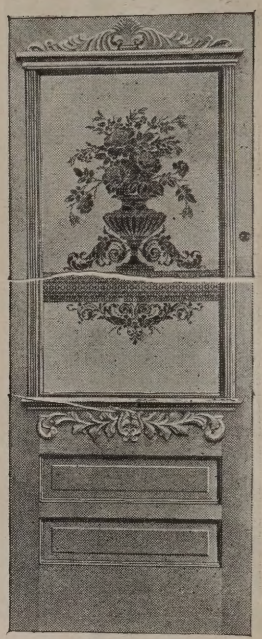


This illustration shows door glazed with glass design No. 3365.

BM 27.

Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plate
$2.71	$3.31	$3.56	$3.73	$5.79
2.81	3.41	3.66	3.83	7.59
3.24	4.11	4.36	4.51	8.71
3.35	4.16	4.41	4.56	8.76
3.56	4.54	4.79	4.94	9.73

BM 28

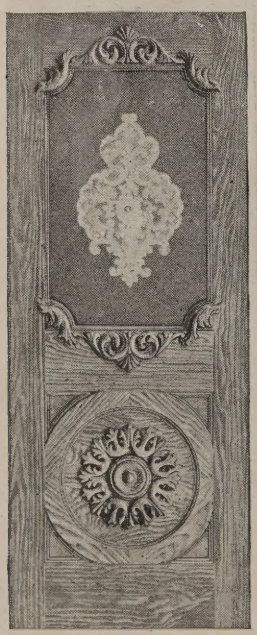


This illustration shows door glazed with glass design No. 3290.

BM 28.

Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plate
$3.03	$3.84	$4.09	$4.25	$8.50
3.14	4.11	4.36	4.51	9.30
3.61	4.75	5.00	5.15	10.58
3.73	4.80	5.05	5.21	10.63
3.94	5.17	5.43	5.58	11.74

BM 29

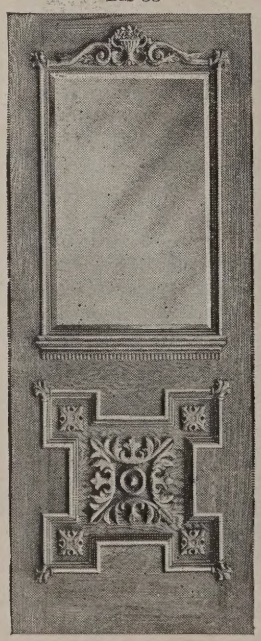


This illustration shows door glazed with glass design No. 3365.

BM 29.

SIZES Ft. In.	SIZES Ft. In.	Inches Thick	Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plate
2-	6 x 6-	6, 1⅜					
2-	8 x 6-	8, 1⅜	$7.76	$8.78	$8.93	$9.01	$12.70
2-	10 x 6-	10, 1⅜	8.29	9.15	9.40	9.56	13.81
2-	8 x 7-	0, 1⅜	8.45	9.41	9.66	9.83	13.86
3-	0 x 7-	0, 1⅜	8.61	9.74	9.98	10.15	14.88

BM 33

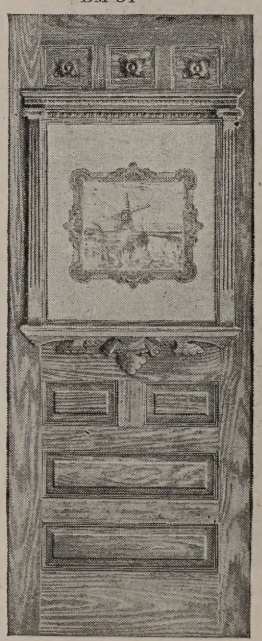


This illustration shows door glazed with Bevel Plate Glass.

BM 33.

Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plate
$8.34	$9.05	$9.30	$9.46	$13.08
8.83	9.53	9.78	9.94	14.19
9.46	10.28	10.53	10.68	14.67
9.61	10.59	10.84	11.00	15.73

BM 34

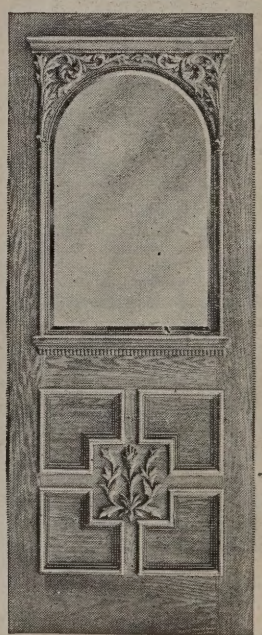


This illustration shows door glazed with glass design No. 3293.

BM 34.

Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plate
$4.36	$4.69	$4.94	$5.10	$6.91
4.46	4.85	5.10	5.21	7.39
4.94	5.60	5.85	6.00	9.52
5.05	5.70	5.95	6.11	9.56
5.31	6.03	6.27	6.38	10.52

BM 19



This illustration shows door glazed with Bevel Plate Glass.

BM 19.

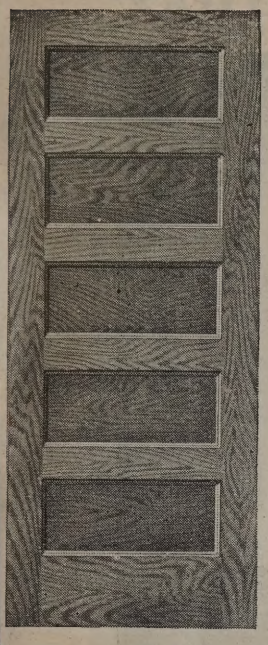
Open	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366	Glazed Bevel Plate
$7.70	$8.04	$9.29	$9.46	$13.0
8.19	9.10	9.35	9.51	13.7
8.34	9.31	9.56	9.73	13.7
8.50	9.64	9.89	10.04	14.7

All doors shown on this page are strictly first quality, No. 1 white pine. Clear Western stock permitted. All sizes listed are carried in stock in 1⅜ inch thickness. Odd sizes extra price.

We can, however, supply any of these designs in 1¾ inch thickness, but same will have to be made to order and it will require about three weeks to make delivery. Prices on the 1¾ inch doors quoted on appl cation.

For the different designs of glass with which these doors are glaze see page 7.

BM 37



5-Cross Flat Panels, Bead and Cove Sticking

Oak Veneered Doors

ROTARY CUT VENEERS.

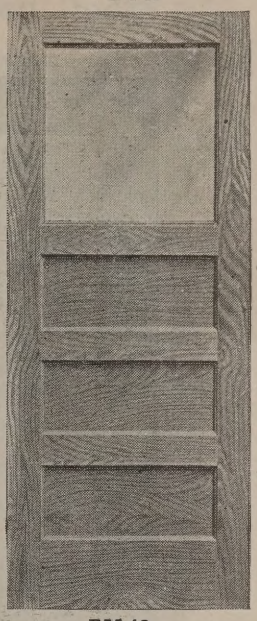
Red oak is standard and too well known to require description. The finest effects in oak veneers are obtained by rotary cutting and heretofore were used only in the most elaborate and expensive buildings. By making certain sizes in large quantities we are able to use these beautiful veneers on our doors and sell them in stock sizes at prices within reach of all. A little forethought in planning your building will enable you to use these doors and secure the advantages of beauty, durability, and low prices.

BM 37.

Size	Thickness	Price	Thickness	Price
2- 0 x 6-0	1⅜	$3.30	1¾	....
2- 0 x 6-6	1⅜	3.30	1¾	....
2- 0 x 6-8	1⅜	3.46	1¾	....
2- 0 x 7-0	1⅜	4.06	1¾	....
2- 2 x 6-8	1⅜	3.46	1¾	....
2- 2 x 7-0	1⅜	4.06	1¾	....
2- 4 x 6-8	1⅜	3.46	1¾	....
2- 4 x 7-0	1⅜	4.06	1¾	....
2- 6 x 6-6	1⅜	3.30	1¾	....
2- 6 x 6-8	1⅜	3.46	1¾	....
2- 6 x 7-0	1⅜	4.06	1¾	$4.54
2- 8 x 6-8	1⅜	3.46	1¾	3.95
2- 8 x 7-0	1⅜	4.16	1¾	4.70
2-10 x 7-0	1⅜	4.32	1¾	4.80
3- 0 x 7-0	1⅜	4.43	1¾	4.92

The doors shown in this book are high-grade doors, and suitable for the better class of buildings; and, being a special line from the common stock door, they merit the attention of all builders.
Shrewd contractors are making money by using them.

BM 43



BM 43.

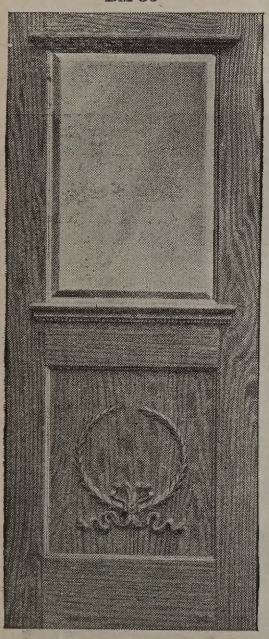
1⅜ Thick

Sizes Ft. in. ft. in.	Open	Glazed Plain
2- 8 x 6- 8	$3.73	$4.32
2-10 x 6-10	4.10	4.66
2- 8 x 7- 0	3.97	4.47
2-10 x 7- 0	...	...
3- 0 x 7- 0	4.39	5.00

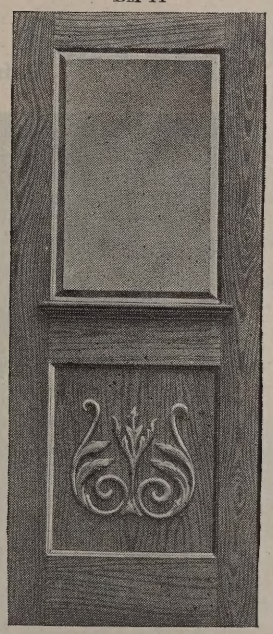
Hardwood Front Doors

Wisconsin Red Oak Veneered

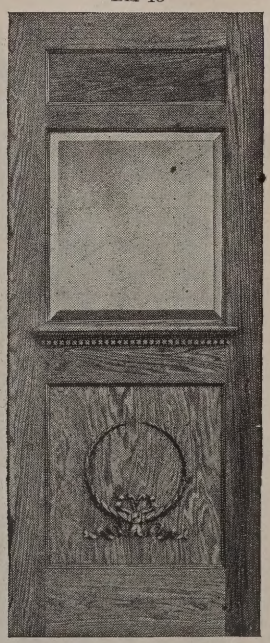
BM-36



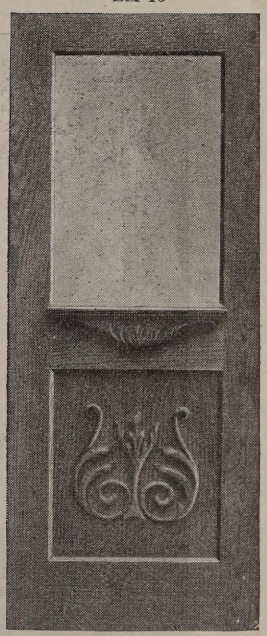
BM-44



BM-45



BM-46



BM 36.

SIZE ft. in.	Open	1⅜ Thick Glazed Plain	Glazed Bevel Plate
8 x 6- 8 ...	$4.88	$5.51	$9.38
10 x 6-10 ...	5.19	4.89	10.26
8 x 7- 0 ...	5.04	5.74	9.97
10 x 7- 0 ...	5.29	6.11	10.61
0 x 7- 0 ...	5.48	7.42	11.19

BM 44.

Open	1⅜ Thick Glazed Plain	Glazed Bevel Plate
$4.70	$5.33	$9.19
5.00	5.70	10.08
4.85	5.56	9.79
5.10	5.93	10.44
5.30	6.23	11.00

BM 45.

Open	1¾ Glazed Plain	Glazed Bevel Plate
$4.46	$4.88	$6.94
4.75	5.28	7.60
4.61	5.10	7.46
4.85	5.36	7.90
5.05	5.64	8.35

BM 46.

Open	1¾ Thick Glazed Plain	Glazed Bevel Plate
$4.98	$5.63	$9.51
5.28	5.99	10.36
5.14	5.85	10.08
5.39	6.21	10.73
5.59	6.51	11.30

All Designs and Sizes listed and priced on this page carried in stock.
As the price of veneered doors is dependent on the condition of the hardwood lumber market, the quotations on all veneered doors we list are subject to change without notice.

Hardwood Front Doors

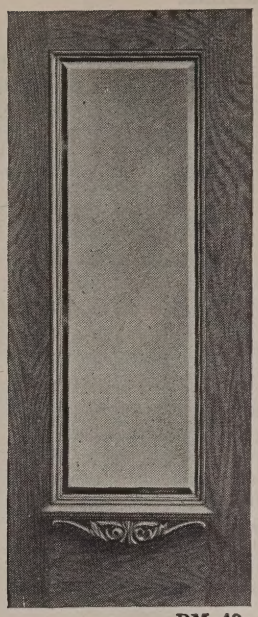
Wisconsin Red Oak, Veneered

BM-47

BM 47.

Sizes Ft. in. ft. in.	Open	1¾ Thick Glazed Plain	Glazed Bevel Plate
2- 6 x 7- 0	$4.83	$5.85	$11.00
2- 8 x 6- 8	4.68	5.70	11.00
2- 8 x 7- 0	5.10	6.27	11.95
2-10 x 6-10	5.27	6.48	12.50
2-10 x 7- 0	5.39	6.56	12.90
3- 0 x 7- 0	5.64	7.05	13.79
2- 6 x 7- 6	5.10	6.13	12.27
2- 8 x 7- 6	5.39	6.56	13.64

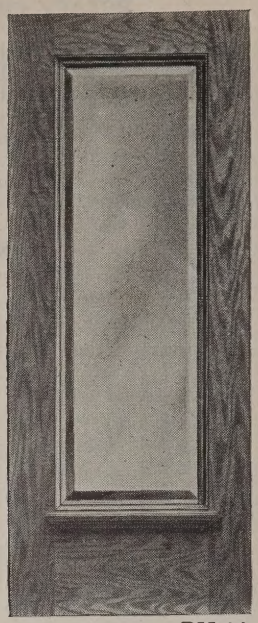
BM-49



BM 49.

Open	1¾ Thick Glazed Plain	Glazed Bevel Plate
$5.25	$6.28	$11.54
5.10	6.14	11.53
5.53	6.71	12.38
5.70	6.91	12.94
5.80	7.00	13.34
6.07	7.49	14.21
5.52	6.56	12.19
5.81	7.00	13.18

BM-51



BM 51.

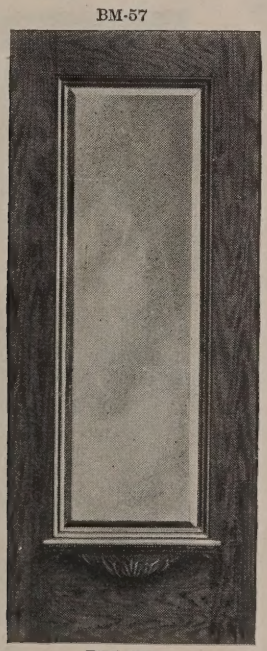
Open	1¾ Thick Glazed Plain	Glazed Bevel Plate
$5.08	$6.11	$11.26
4.93	5.96	11.25
5.35	6.55	12.21
5.54	6.74	12.78
5.64	6.84	13.15
5.90	7.33	14.05
5.35	6.39	12.02
5.64	6.84	13.00

BM-56

BM 56.

Open	1¾ Thick Glazed Plain	Glazed Bevel Plate
$4.83	$5.85	$11.00
4.68	5.70	10.99
5.10	6.27	11.95
5.27	6.48	12.50
5.39	6.56	12.90
5.64	7.05	13.79
5.10	6.13	12.27
5.39	6.56	13.64

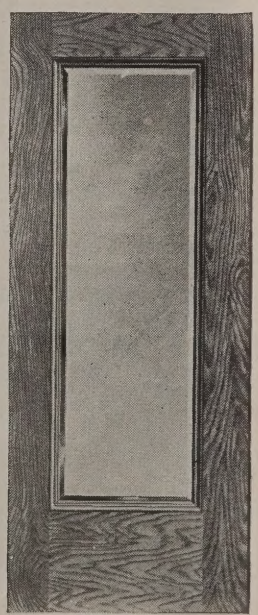
BM-57



BM 57.

Sizes Ft. in. Ft. in.	Open	1¾ Thick Glazed Plain	Glazed Bevel Plate
2- 6 x 7- 0....	$5.25	$6.27	$11.44
2- 8 x 6- 8....	5.20	6.14	11.43
2- 8 x 7- 0....	5.52	6.71	12.38
2-10 x 6-10....	5.70	6.91	12.94
2-10 x 7- 0....	5.80	7.00	13.34
3- 0 x 7- 0....	6.08	7.49	14.21
2- 6 x 7- 6....	5.52	6.56	12.19
2- 8 x 7- 6....	5.81	7.00	13.18

BM-61



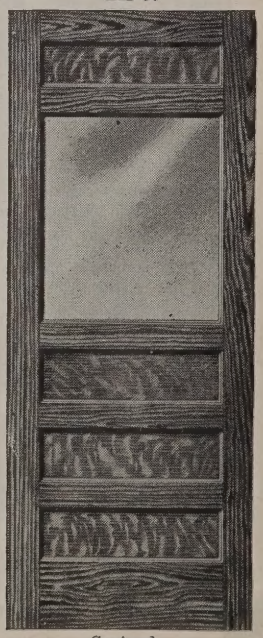
BM 61.

Open	1¾ Thick Glazed Plain	Glazed Bevel Plate
$4.78	$5.70	$10.87
4.53	5.56	10.85
4.95	6.16	11.81
5.14	7.34	12.36
5.24	6.44	12.79
5.50	6.91	13.64
4.95	5.98	11.63
5.24	6.44	12.59

Cottage Front Doors

Painted and Grained

BM 67

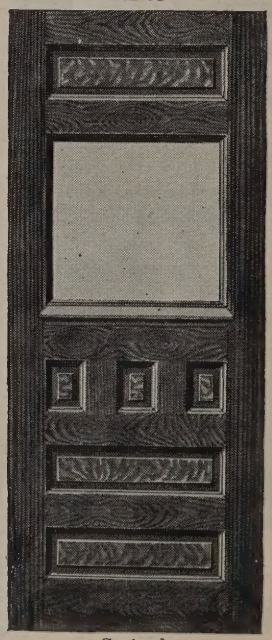


Grained.

BM 67.

Sizes Ft. in. Ft. in.	Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366
2- 6 x 6- 6....	$1.91	$2.15	$2.33
2- 8 x 6- 8....	2.07	2.31	2.49
2-10 x 6-10....	2.41	2.65	2.83
3- 0 x 7- 0....	2.72	2.97	3.14

BM 68



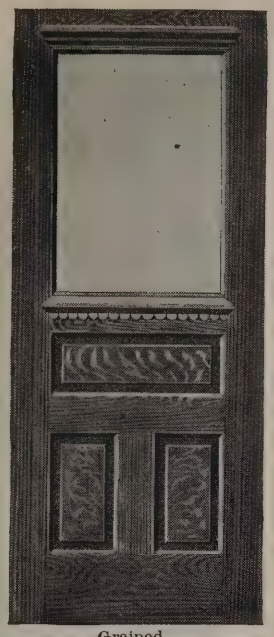
Grained.

BM 68.

Glazed Plain	Glazed 3290 3293 3292 3294	Glazed 3365 3366
$2.07	$2.32	$2.50
2.12	2.37	2.54
2.53	2.77	2.95
2.78	3.02	3.21

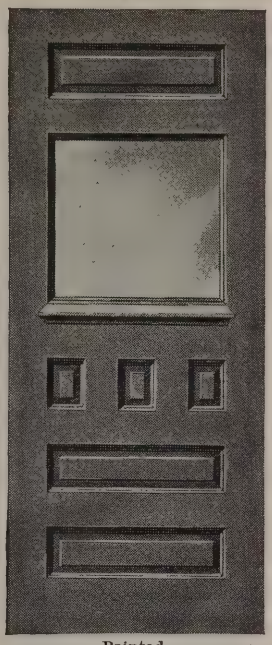
Cottage Front Doors—Painted and Grained Doors

BM 69



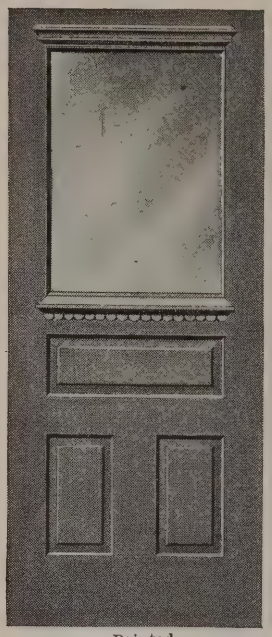
Grained.

BM 20



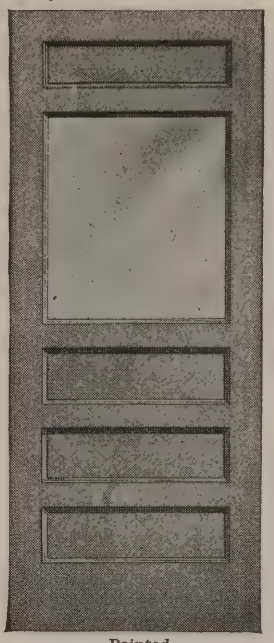
Painted.

BM 21



Painted.

BM 22



Painted,

SIZES Ft. In.	SIZES Ft. In.	Inches Thick	BM 69. Glazed Plain	BM 69. Glazed 3290 3293 3292 3294	BM 39. Glazed 3365 3266	BM 39. Glazed Plain	BM 39. Glazed 3290 3293 3292 3394	BM 40. Glazed 3365 3365	BM 40. Glazed Plain	BM 40. Glazed 3290 3293 3292 3294	BM 41. Glazed 3365 3366	BM 41. Glazed Plain	BM 41. Glazed 3290 2293 3292 3294	BM 41. Glazed 3365 3366
2- 6	x 6- 6,	1⅜	$2.03	$2.17	$2.45	$1.95	$2.20	$2.38	$1.91	$2.05	$2.33	$1.79	$2.03	$2.21
2- 8	x 6- 8,	1⅜	2.08	2.32	2.50	2.00	2.25	2.42	1.96	2.20	2.38	1.95	2.19	2.37
2-10	x 6-10,	1⅜	2.54	2.72	2.90	2.41	2.65	2.83	2.42	2.60	2.78	2.29	2.53	2.71
3- 0	x 7- 0,	1⅜	2.74	2.98	3.16	2.66	2.90	3.09	2.62	2.86	3.04	2.60	2.85	3.02

All of the above designs carried in stock. In comparing our prices with others, consider Quality.

BM 3290

Glass Designs for Doors

On the preceding pages you will note that we list our front doors five different ways.

First, for the door in the open, that is, without glass of any kind.

With plain double strength glass.

With floral and landscape etched glass.

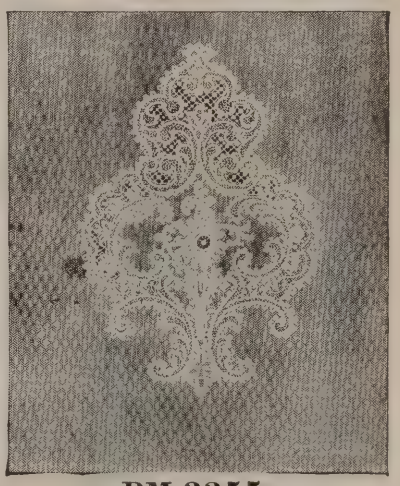
With battenberg lace designs.

With bevel plate glass.

On this page we show the floral and landscape etched glass and also the battenberg lace designs.

In ordering a door you can have same glazed with anyone of the floral and landscape designs, that is, Nos. 3290, 3292, 3293, 3294, at the same price.

If you wish the door glazed with Battenberg design you can select either Nos. 3365 or 3366 at a slight advance as shown on lists.



BM 3355

BM 3293

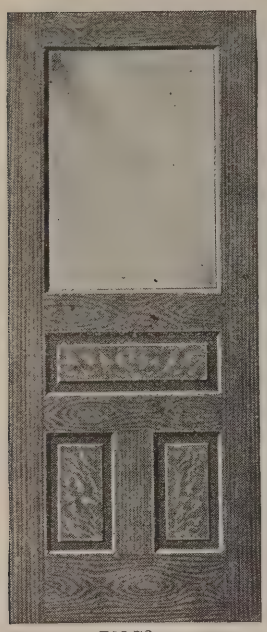
BM 3366

BM 3292

BM 3294

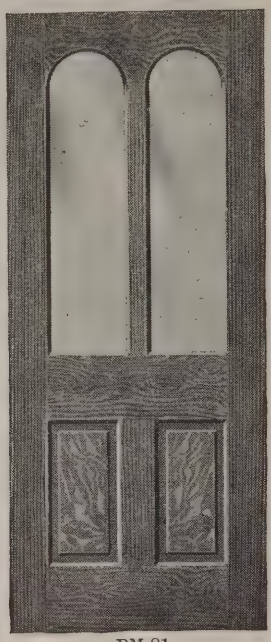
Grained Doors

Shellaced and Painted Two Coats of Pure Paint, One Coat of Graining and Hand Grained (Not Steneil Work)
One of the Best Grained Doors on the Market



BM-76

BM-77



BM-81

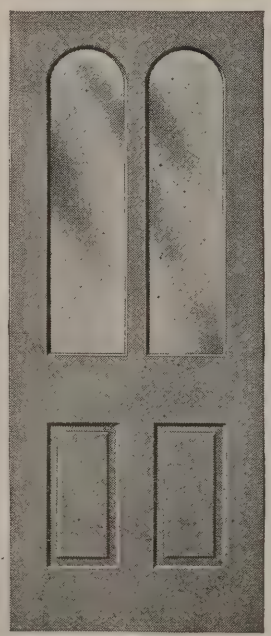
BM-85

Sizes	BM 76. Price Glazed	BM 77. Price Glazed	BM 81. Price Glazed	BM 85. Price Glazed
2 ft. 6 in. x 6 ft. 6 in.....	$2.59	$2.32	$2.51	$2.62
2 ft. 8 in. x 6 ft. 8 in.....	2.75	2.51	2.98	2.94
2 ft.10 in. x 6 ft.10 in.....	3.22	2.80	3.22	3.34
3 ft. 0 in. x 7 ft.....	3.54	3.03	3.62	3.76

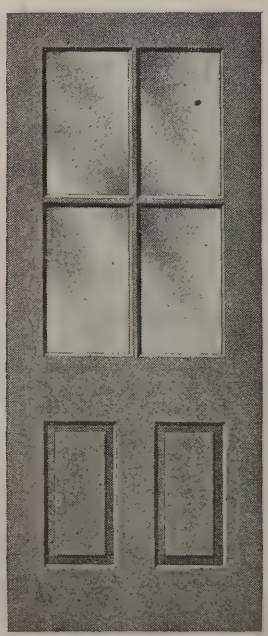
Painted Doors

Shellaced and Painted, Two Coats of Pure Paint Applied with a Brush (Not Dipped)

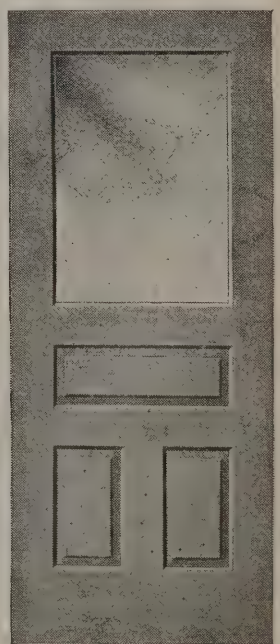
BM-46



BM-47



BM-23



BM-24

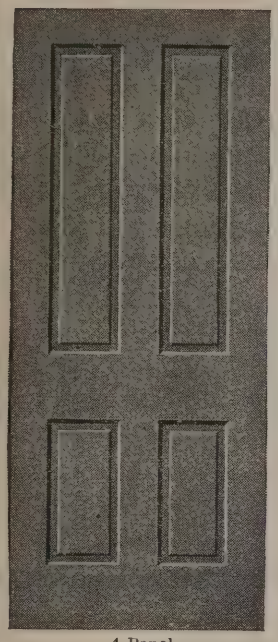
Sizes	BM 46. Price Glazed	BM 47. Price Glazed	BM 23. Price Glazed	BM 24. Price Glazed
2 ft. 6 in. x 6 ft. 6 in.....	$2.50	$2.39	$2.20	$2.47
2 ft. 8 in. x 6 ft. 8 in.....	2.82	2.86	2.39	2.63
2 ft.10 in. x 6 ft.10 in.....	3.22	3.10	2.68	3.10
3 ft. 0 in. x 7 ft.....	3.64	3.50	2.91	3.42

All of the above designs carried in stock.
The quotations given on this page are for doors glazed as shown.

Painted and Grained Doors

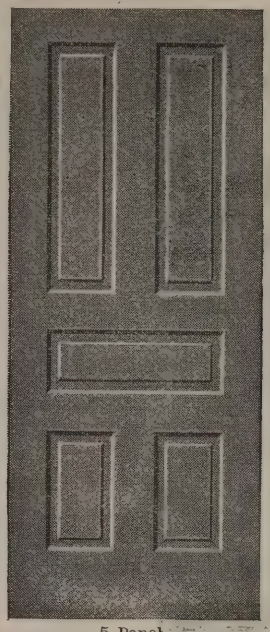
Painted Doors

BM.-25



4 Panel

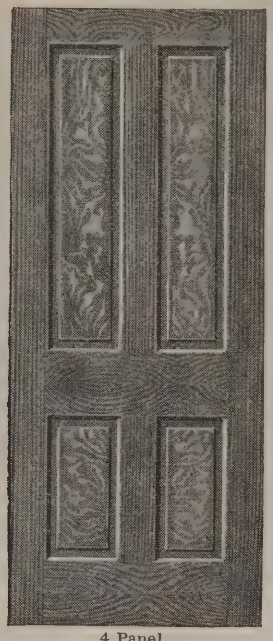
BM.-26



5 Panel

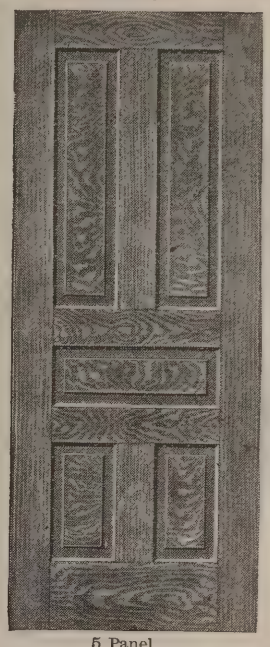
Grained Doors

BM.-90



4 Panel

BM.-91



5 Panel

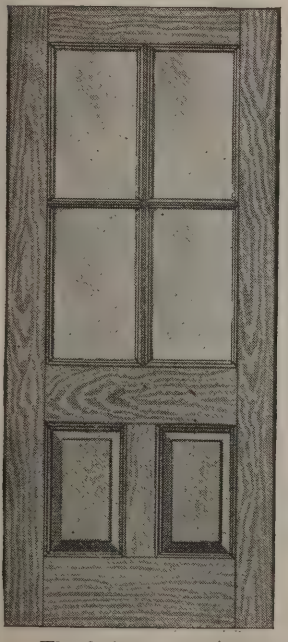
SIZES	BM 25. 1⅜ in. thick	BM 25. 1⅜ in. thick	BM 26. 1¼ in. thick	BM 26. 1⅜ in. thick	BM 90. 1¼ in. thick	BM 90. 1⅜ in. thick	BM 91. 1¼ in. thick	BM 91. 1⅜ in. thick
2 ft. 0 in. x 6 ft. 0 in.	$1.15	$1.21	$1.21	$1.27	$1.27	$1.33	$1.33	$1.39
2 ft. 6 in. x 6 ft. 6 in.	1.27	1.33	1.33	1.39	1.39	1.45	1.45	1.51
2 ft. 8 in. x 6 ft. 8 in.	1.33	1.39	1.39	1.45	1.45	1.51	1.51	1.57
2 ft. 10 in. x 6 ft. 10 in.	1.48	1.55	1.55	1.61	1.60	1.67	1.67	1.73
3 ft. 0 in. x 7 ft. 0 in.	1.62	1.68	1.68	1.74	1.74	1.80	1.80	1.86

All of the above painted doors carried in stock.

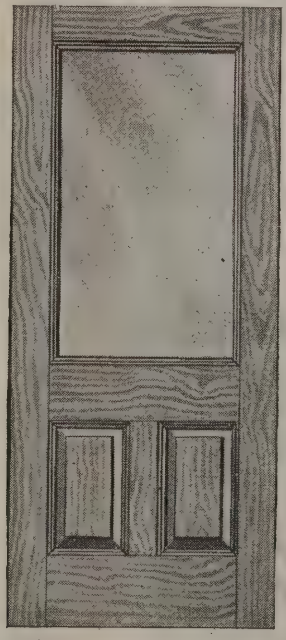
O. G. Sash Doors

Strictly A Quality White Pine. In the White, (Not painted)

BM.-52

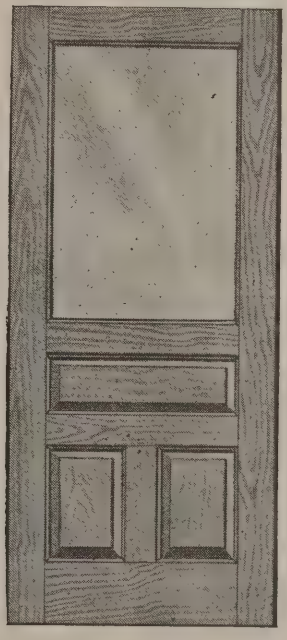


BM.-53



BM.-54

BM.-55



The following prices are for doors 1⅜ inch thick, glazed as shown.

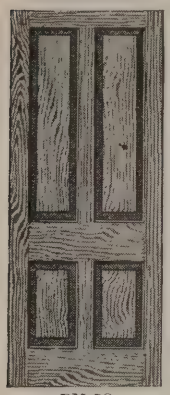
SIZES	BM 52.	BM 53.	BM 54.	BM 55.
2 ft. 6 in. x 6 ft. 6 in.	$3.17	$3.50	$3.46	$3.50
2 ft. 8 in. x 6 ft. 8 in.	3.43	3.88	4.00	3.71
2 ft. 10 in. x 6 ft. 10 in.	4.00	4.56	4.55	4.47
2 ft. 8 in. x 7 ft. 0 in.	4.11	4.69	5.10	4.56
3 ft. 0 in. x 7 ft. 0 in.	4.40	5.16	5.82	4.96

The above O. G. Sash Doors are carried in stock in 1⅜ inch thickness. For doors 1¾ inch thick add $1.25 to above prices, these would have to be made to order.

White Pine Doors

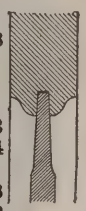
Strictly A Quality

O. G. Four-Panel Doors—Raised Panels Both Sides


BM-58

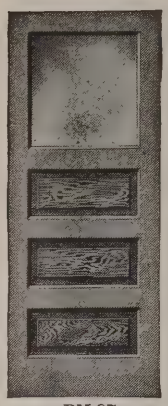
BM 58.

Size. Ft.	Size. In.	Size. Ft.	Size. In.	Price, 1⅛ in. thick.	Price, 1⅜ in. thick.	Price, 1¾ in. thick.
2	0	x 6	0	$1.50	$1.75	
2	6	x 6	0	1.62	1.98	
2	4	x 6	4	1.70	1.92	
2	0	x 6	6	1.68	1.86	
2	4	x 6	6		1.98	
2	6	x 6	6	1.75	1.98	$2.98
2	0	x 6	8		1.98	
2	4	x 6	8		2.04	
2	6	x 6	8	1.82	2.08	
2	8	x 6	8	1.86	2.08	3.13
2	10	x 6	10		2.48	3.74
2	6	x 7	0		2.50	
2	8	x 7	0		2.60	3.88
3	0	x 7	0		2.75	4.12



Yellow Pine Panel Doors

Best Quality

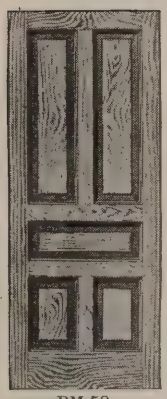

BM-97

Yellow Pine Panels
White Pine Styles and Rails
Bead and Cove Sticking

BM 97.

Size. Ft.	Size. In.	Size. Ft.	Size. In.	1⅜ Thick. Price Open.	1⅜ Thick. Price Gl. D.S.	1¾ Thick. Price Open.	1¾ Thick. Price Gl. D.S.
2	6	x 6	6..	$2.60	$3.50		
2	8	x 6	8..	2.71	3.82	$3.80	$4.9
2	8	x 7	0..	3.25	4.50	4.64	5.8
2	10	x 6	10..	3.14	4.50	4.48	5.8
3	0	x 7	0..	3.42	5.06	4.88	6.8

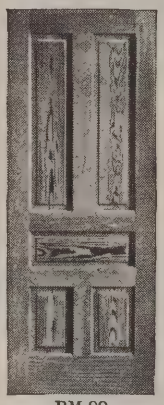
O. G. Five-Panel Doors


BM-59

BM 59.

Size. Ft.	Size. In.	Size. Ft.	Size. In.	Price. 1⅜ In. thick.	Price. 1¾ In. thick.
2	6	x 6	6.....	$2.08	$3.08
2	6	x 6	8.....	2.19	
2	8	x 6	8.....	2.26	3.24
2	10	x 6	10.....	2.58	3.84
2	6	x 7	0.....	2.60	3.86
2	8	x 7	0.....	2.70	4.02
3	0	x 7	0.....	2.86	4.22

Bead and Cove Five-Panel Door

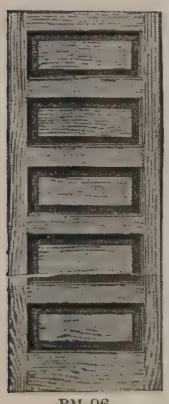

BM-99

Yellow Pine Panels
White Pine Stiles and Rails

BM 99.

Size. Ft.	Size. In.	Size. Ft.	Size. In.	Price. 1⅜ In. thick.	Price. 1¾ In. thick.
2	6	x 6	6.....	$2.30	
2	6	x 6	8.....	2.42	
2	8	x 6	8.....	2.42	$3.50
2	10	x 6	10.....	2.85	4.06
2	6	x 7	0.....	2.83	4.08
2	8	x 7	0.....	2.94	4.35
3	0	x 7	0.....	3.12	4.60

Bead and Cove Five Cross-Panel Doors


BM-96

BM 96.

Size. Ft.	Size. In.	Size. Ft.	Size. In.	Price. 1⅜ In. thick.	Price. 1¾ In. thick.
2	0	x 6	0.....	$2.04	
2	0	x 6	6.....	2.14	
2	0	x 6	8.....	2.27	
2	4	x 6	4.....	2.20	
2	4	x 6	6.....	2.27	
2	4	x 6	8.....	2.31	
2	6	x 6	6.....	2.27	
2	6	x 6	8.....	2.39	
2	6	x 7	0.....	2.78	$4.03
2	8	x 6	8.....	2.39	3.40
2	8	x 7	0.....	2.87	4.18
2	10	x 6	10.....	2.76	4.00
3	0	x 7	0.....	3.02	4.40

Bead and Cove Five Cross-Pane Doors

BM-106

Yellow Pine Panels
White Pine Stiles and Rails

BM 106.

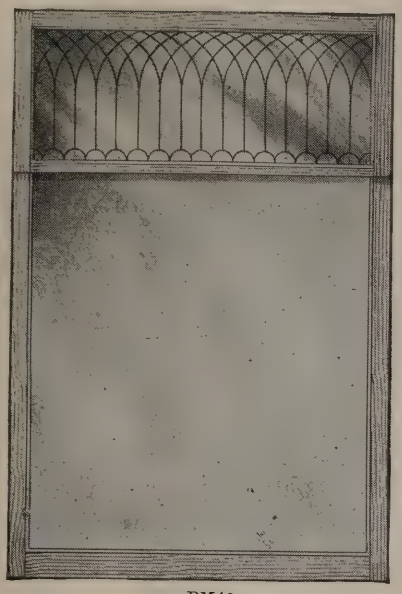
Size. Ft.	Size. In.	Size. Ft.	Size. In.	Price. 1⅜ In. thick.	Price. 1¾ In. thick.
2	0	x 6	0.....	$2.18	
2	0	x 6	6.....	2.29	
2	0	x 6	8.....	2.42	
2	4	x 6	6.....	2.42	
2	4	x 6	8.....	2.47	
2	6	x 6	6.....	2.42	
2	6	x 6	8.....	2.53	
2	6	x 7	0.....	2.98	$4.32
2	8	x 6	8.....	2.53	3.64
2	8	x 7	0.....	3.08	4.46
2	10	x 6	10.....	2.95	4.30
3	0	x 7	0.....	3.21	4.70

Keep your sizes within the lists and save yourself money and time. Odd size doors will cause you delay and cost more than stock. Remember this when planning your house.

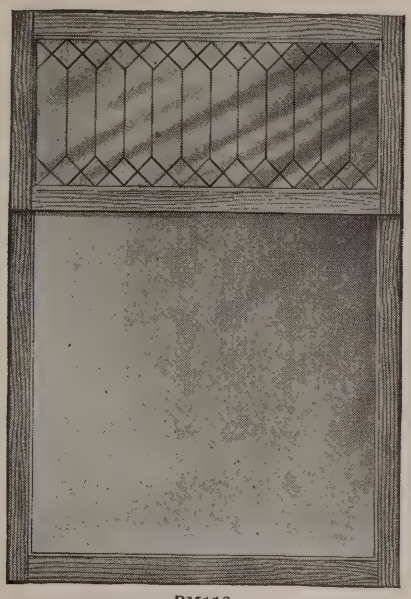
We pack all our doors with paper and crate them securely, so that they reach you bright and clean.

All of our doors are made with patent dowels, producing the strongest and best door made. This dowel is the greatest improvement in do making, as it combines both strength and beauty, doing away with pi and tenon. We guarantee every joint perfect and that it will not ope As noted above we handle only the No. 1 grade of doors. Quality alwa guaranteed. Our factory for mill work is completely equipped wi modern machinery, operated by a large force of skilled workmen.

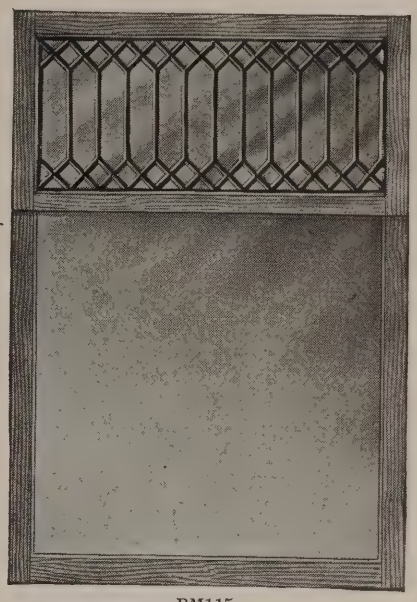
Cottage Front Check Rail Windows



BM40
Check Rail Window—Glazed.
Top:—Leaded Crystal Glass.
Bottom:—Selected D. S. Glass.



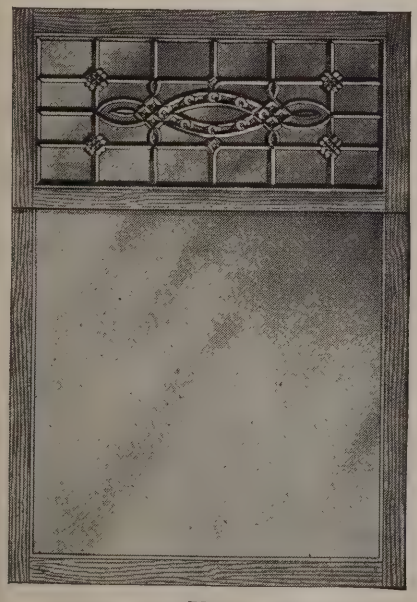
BM110
Check Rail Window—Glazed.
Top:—Leaded Crystal Glass.
Bottom:—Selected D. S. Glass.



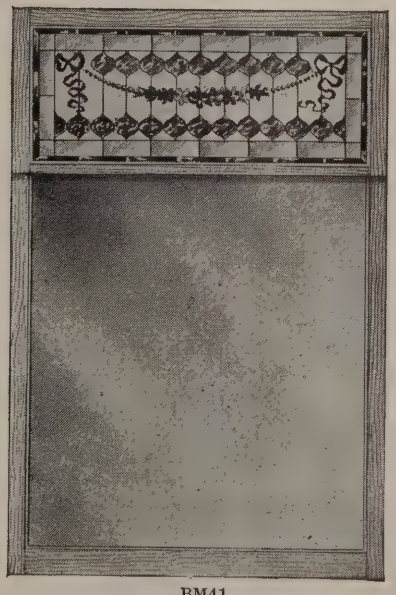
BM115
Check Rail Window—Glazed.
Top;—Leaded Bevel Plate Glass.
Bottom:—Selected D. S. Glass.

Size of Opening. Ft.	In.	Ft.	In.	Bottom Light. Inches.	Top Light. Inches.	BM 40.	BM 110.	BM 115.
3	8 x 5	2		40x42	40x14	$5.84	$4.70	$10.00
3	8 x 5	6		40x44	40x16	6.09	5.00	10.40
3	8 x 5	10		40x46	40x18	6.50	5.29	11.38
4	0 x 5	2		44x40	44x16	6.56	5.28	11.20
4	0 x 5	6		44x44	44x16	6.80	5.51	11.51
4	0 x 5	10		44x46	44x18	7.08	5.72	12.49
4	0 x 6	6		44x50	44x22	8.76	6.86	15.36
4	4 x 5	10		48x46	48x18	8.40	6.61	14.12
4	4 x 6	6		48x50	48x22	9.75	7.50	16.89
4	8 x 6	6		52x50	52x22	10.58	8.05	18.31

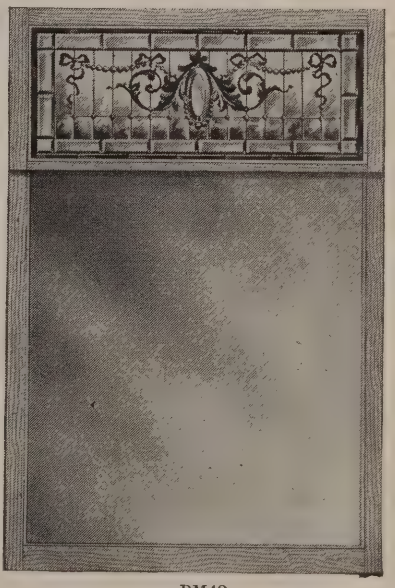
Size of Opening. Ft.	In.	Ft.	In.	Bottom Light. Inches.	Top Light. Inches.	BM 111.	BM 41.	BM 42.
3	8 x 5	2		40x42	40x14	$10.96	$7.70	$8.30
3	8 x 5	6		40x44	40x16	11.30	8.06	8.64
3	8 x 5	10		40x46	40x18	12.25	8.74	9.42
4	0 x 5	2		44x40	44x16	12.15	8.64	9.30
4	0 x 5	6		44x44	44x16	12.40	8.90	9.60
4	0 x 5	10		44x46	44x18	13.40	9.50	10.25
4	0 x 6	6		44x50	44x22	16.26	11.64	12.56
4	4 x 5	10		48x46	48x18	15.02	10.78	11.58
4	4 x 6	6		48x50	48x22	17.80	12.62	13.62
4	8 x 6	6		52x50	52x22	19.20	13.68	14.76



BM111
Check Rail Window—Glazed.
Top:—Leaded Bevel Plate Glass.
Bottom:—Selected D. S. Glass.



BM41
Check Rail Window—Glazed.
Top:—Leaded Colored Art Glass.
Bottom;—Selected D. S. Glass.

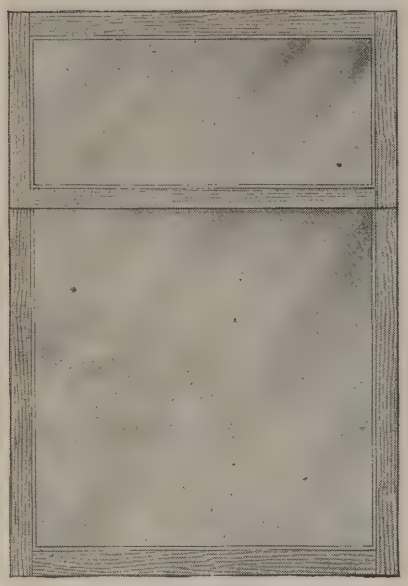


BM42
Check Rail Window—Glazed
Top:—Leaded Colored Art and Bevel Plate Glass.
Bottom;—Selected D. S. Glass

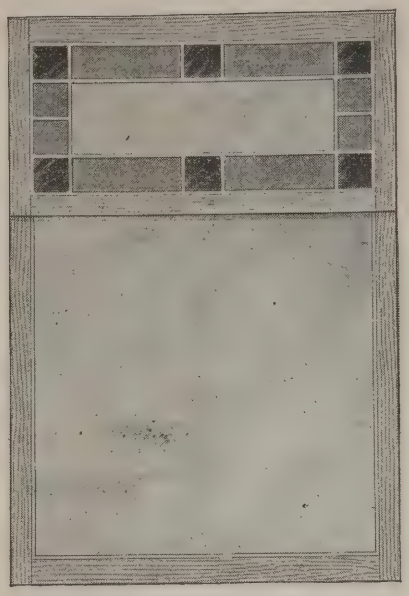
n our choice of glass for Cottage Front Windows, we select from y the better brands, giving that luster polished effect that adds gance and refinement as well as value to the home. As the tran- n sash of these windows have to be made to order, we will require about two weeks to make delivery on this class of goods after your order is received. For 1¾-inch windows made in any of the above designs write for quotations.

HIGHEST ARTISTIC EXCELLENCE

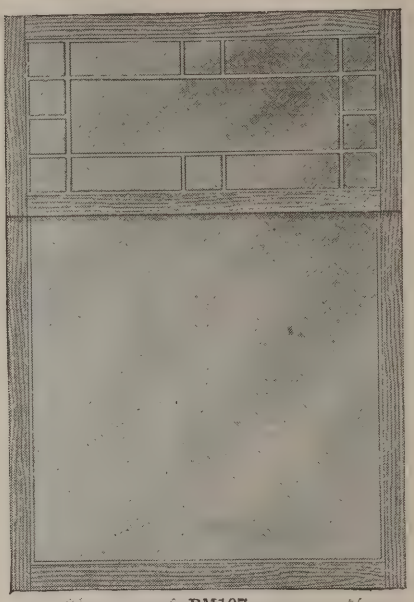
Cottage Front Check Rail Windows



BM38
Check Rail Window—Glazed
Top:—Selected D. S. Glass
Bottom:—Selected D. S. Glass



BM39
Check Rail Window—Glazed
Top:—Colored Border Lights, Center Plain
Bottom: -Selected D. S. Glass

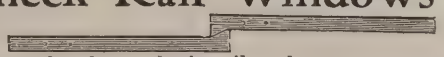


BM107
Check Rail Windows—Glazed
Top:—Selected S. S. Glass
Bottom:—Selected D. S. Glass

Size of Opening. Ft.	In.	Ft.	In.	Bottom Light. Inches.	Top Light. Inches.	BM 38.	BM 39.	BM 107.
3	8 x 5	2		40x42	40x14	$3.64	$4.41	$4.26
3	8 x 5	6		40x44	40x16	4.11	4.87	4.74
3	8 x 5	10		40x46	40x18	4.24	4.99	4.87
4	0 x 5	2		44x40	44x16	4.42	5.17	5.03
4	0 x 5	6		44x44	44x16	4.79	5.55	5.40
4	0 x 5	10		44x46	44x18	4.92	5.78	5.54
4	0 x 6	6		44x50	44x22	6.12	6.90	6.74
4	4 x 5	10		48x46	48x18	6.16	6.96	6.78
4	4 x 6	6		48x50	48x22	6.82	7.62	7.43
4	8 x 6	6		52x50	52x22	7.78	8.56	8.39

Plain and Check Rail Windows

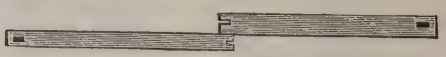
Check Rail Sash



The cut shows style of our check rail sash.

Check rail sash are made 1⅜ in. thick and are intended to be used with box frames and sash weights. In ordering give number and size of lights in frame and see if outside dimensions as given belo correspond with your frames. A glazed sash is one complete wi glass. Prices given are for one window, which consists of one t and bottom sash.

As the transom sash of these windows have to be made to ord we will require about two weeks to make delivery after your ord is received. This does not apply to design BM38 as we have this stock for immediate shipment. Write for quotations on any of t above designs 1¾ inch thick.



Plain Rail Sash

This cut shows style of our plain rail sash.

We make all of our plain rail sash 1⅛ in. thick and not arrang to operate with weights. In ordering give number and size of ligh and see if outside dimensions as given below correspond with size your frames. Prices given are for one window, which consists of o top and one bottom sash.

B. M.-63

Plain Rail Windows

Eight Lights

Thickness (Inches) 1 1-8

BM 63.

Size of Glass.	Price per Window Glazed.	Size of Opening.			Weight lbs.
8 x 10....	$0.60	1	8½ x 3	9¼	10
8 x 12....	.70	1	8½ x 4	6	12
8 x 14....	.83	1	8½ x 5	2	14
8 x 16....	.91	1	8½ x 5	10	16
9 x 12....	.74	1	10½ x 4	6	14
9 x 14....	.84	1	10½ x 5	2	17
9 x 16....	.98	1	10½ x 5	10	20
10 x 12....	.78	2	0½ x 4	6	15
10 x 14....	.86	2	0½ x 5	2	18
10 x 16....	1.00	2	0½ x 5	10	22

Plain Rail Windows

Twelve Lights

Thickness (Inches) 1 1-8

BM 60.

Size of Glass.	Price per Window Glazed	Size of Opening.			Weight lbs.
7 x 9....	$0.74	2	1 x 3	5½	13
8 x 10....	.78	2	4 x 3	9¼	14
8 x 12....	.90	2	4 x 4	6	18
8 x 14....	1.10	2	4 x 5	2	22
9 x 12....	.98	2	7 x 4	6	20
9 x 14....	1.16	2	7 x 5	2	22
9 x 16....	1.30	2	7 x 5	10	25
9 x 18....	1.55	2	7 x 6	6	28
10 x 12....	1.07	2	10 x 4	6	21
10 x 14....	1.20	2	10 x 5	2	23
10 x 16....	1.39	2	10 x 5	10	26
10 x 18....	1.59	2	10 x 6	6	29
10 x 20....	1.82	2	10 x 7	2	32

B. M.-66

Check Rail Windows

Two Lights

BM 66.

Size of Glass.	Glazed Single Strength.	Glazed Double Strength.	Size of Window. Ft.	In.	Ft.	In.
16 x 20..	$0.72	$0.92	1	8⅛ x 3	10	
16 x 22..	.75	.96	1	8⅛ x 4	2	
16 x 24..	.78	1.02	1	8⅛ x 4	6	
16 x 26..	.89	1.18	1	8⅛ x 4	10	
16 x 28..	.90	1.25	1	8⅛ x 5	2	
16 x 30..	.93	1.32	1	8⅛ x 5	6	
16 x 32..	.98	1.39	1	8⅛ x 5	10	
16 x 34..	1.10	1.50	1	8⅛ x 6	2	
16 x 36..	1.15	1.55	1	8⅛ x 6	6	
18 x 20..	.75	1.00	1	10⅛ x 3	10	
18 x 22..	.84	1.12	1	10⅛ x 4	2	

As no two windows of the same size will weigh exactly the same, the lists of weights as here given are only approximately correct, and are intended only as a guide to enable our customers to figure fre charges to their station.

Two Lights—Cont.

Size of Glass.	Glazed Single Strength.	Glazed Double Strength.	Size of Window Ft.	In.	Ft.	In.	Wt. lbs.
18 x 24..	$.85	$1.16	1	10⅛ x 4	6		16
18 x 26..	.90	1.22	1	10⅛ x 4	10		17
18 x 28..	.93	1.36	1	10⅛ x 5	2		18
18 x 30..	.96	1.38	1	10⅛ x 5	6		19
18 x 32..	1.02	1.46	1	10⅛ x 5	10		21
18 x 34..	1.18	1.62	1	10⅛ x 6	2		22
18 x 36..	1.25	1.72	1	10⅛ x 6	6		24
20 x 20..	.84	1.12	2	0⅛ x 3	10		15
20 x 22..	.87	1.15	2	0⅛ x 4	2		16
20 x 24..	.88	1.16	2	0⅛ x 4	6		17
20 x 26..	.93	1.22	2	0⅛ x 4	10		19
20 x 28..	.98	1.30	2	0⅛ x 5	2		20
20 x 30..	1.06	1.38	2	0⅛ x 5	6		21
20 x 32..	1.15	1.54	2	0⅛ x 5	10		22
20 x 34..	1.23	1.63	2	0⅛ x 6	2		23
20 x 36..	1.32	1.72	2	0⅛ x 6	6		25
22 x 20..	.90	1.16	2	2⅛ x 3	10		16
22 x 22..	.92	1.22	2	2⅛ x 4	2		17
22 x 24..	.94	1.24	2	2⅛ x 4	6		18
22 x 26..	.98	1.30	2	2⅛ x 4	10		20
22 x 28..	1.04	1.38	2	2⅛ x 5	2		21
22 x 30..	1.14	1.52	2	2⅛ x 5	6		22
22 x 32..	1.24	1.65	2	2⅛ x 5	10		24
22 x 34..	1.38	1.80	2	2⅛ x 6	2		25
22 x 36..	1.42	1.94	2	2⅛ x 6	6		26
24 x 20..	.94	1.28	2	4⅛ x 3	10		18
24 x 22..	.97	1.34	2	4⅛ x 4	2		19
24 x 24..	1.02	1.35	2	4⅛ x 4	6		20
24 x 26..	1.04	1.37	2	4⅛ x 4	10		21
24 x 28..	1.14	1.51	2	4⅛ x 5	2		22
24 x 30..	1.22	1.63	2	4⅛ x 5	6		23
24 x 32..	1.30	1.69	2	4⅛ x 5	10		24
24 x 34..	1.42	1.84	2	4⅛ x 6	2		25
24 x 36..	1.43	1.85	2	4⅛ x 6	6		26
26 x 26..	1.20	1.60	2	6⅛ x 4	10		22
26 x 28..	1.34	1.75	2	6⅛ x 5	2		23
26 x 30..	1.38	1.82	2	6⅛ x 5	6		25
26 x 32..	1.40	1.84	2	6⅛ x 5	10		26
26 x 34..	1.66	2.16	2	6⅛ x 6	2		28
26 x 36..	1.68	2.18	2	6⅛ x 6	6		30
26 x 38..	1.85	2.42	2	6⅛ x 6	10		32
26 x 40..	1.87	2.44	2	6⅛ x 7	2		34
28 x 24..	1.22	1.70	2	8⅛ x 4	6		22
28 x 26..	1.36	1.78	2	8⅛ x 4	10		23
28 x 28..	1.39	1.82	2	8⅛ x 5	2		25
28 x 30..	1.40	1.84	2	8⅛ x 5	6		27
28 x 32..	1.64	2.14	2	8⅛ x 5	10		28
28 x 34..	1.75	2.28	2	8⅛ x 6	2		29
28 x 36..	1.83	2.42	2	8⅛ x 6	6		30
28 x 38..	1.85	2.44	2	8⅛ x 6	10		31
28 x 40..	1.87	2.46	2	8⅛ x 7	2		33
30 x 24..	1.34	1.86	2	10⅛ x 4	6		23
30 x 26..	1.50	2.05	2	10⅛ x 4	10		25
30 x 28..	1.52	2.08	2	10⅛ x 5	2		27
30 x 30..	1.75	2.38	2	10⅛ x 5	6		30
30 x 32..	1.82	2.40	2	10⅛ x 5	10		31
30 x 34..	1.84	2.42	2	10⅛ x 6	2		32
30 x 36..	1.86	2.44	2	10⅛ x 6	6		33
30 x 38..	2.06	2.70	2	10⅛ x 6	10		34
30 x 40..	2.22	2.91	2	10⅛ x 7	2		35
30 x 42..	2.50	3.20	2	10⅛ x 7	6		36
30 x 44..	2.55	3.24	2	10⅛ x 7	10		38
32 x 24..	1.54	1.94	3	0⅛ x 4	6		28
32 x 26..	1.62	2.10	3	0⅛ x 4	10		29
32 x 28..	1.86	2.40	3	0⅛ x 5	2		30
32 x 30..	2.12	2.75	3	0⅛ x 5	6		31
32 x 32..		2.77	3	0⅛ x 5	10		33
32 x 34..		2.79	3	0⅛ x 6	2		35
32 x 36..		3.14	3	0⅛ x 6	6		38
32 x 38..		3.39	3	0⅛ x 6	10		40
32 x 40..		3.64	3	0⅛ x 7	2		42
34 x 24..	1.74	2.22	3	2⅛ x 4	6		29
34 x 26..	1.96	2.50	3	2⅛ x 4	10		30
34 x 28..	1.98	2.52	3	2⅛ x 5	2		31
34 x 30..	2.15	2.78	3	2⅛ x 5	6		34
34 x 32..		2.80	3	2⅛ x 5	10		36
34 x 34..		3.15	3	2⅛ x 6	2		38
34 x 36..		3.40	3	2⅛ x 6	6		40
34 x 38..		3.44	3	2⅛ x 6	10		42
34 x 40..		3.66	3	2⅛ x 7	2		44
36 x 24..	1.87	2.34	3	4⅛ x 4	6		30
36 x 26..	2.11	2.66	3	4⅛ x 4	10		31
36 x 28..	2.30	2.92	3	4⅛ x 5	2		32

Two Lights—Cont.

Size of Glass.	Glazed Single Strength.	Glazed Double Strength.	Size of Window Ft.	In.	Ft.	In.	Wt. lbs.
36 x 30..	2.32	2.94	3	4⅛ x 5	6		36
36 x 32..		3.26	3	4⅛ x 5	10		38
36 x 34..		3.52	3	4⅛ x 6	2		40
36 x 36..		3.54	3	4⅛ x 6	6		42
36 x 38..		4.34	3	4⅛ x 6	10		44
36 x 40..		4.36	3	4⅛ x 7	2		46
40 x 24..		2.74	3	8⅛ x 4	6		32
40 x 26..		3.00	3	8⅛ x 4	10		34
40 x 28..		3.02	3	8⅛ x 5	2		36
40 x 30..		3.36	3	8⅛ x 5	6		38
40 x 32..		3.56	3	8⅛ x 5	10		40
40 x 34..		3.58	3	8⅛ x 6	2		42
40 x 36..		4.50	3	8⅛ x 6	6		44
40 x 38..		4.54	3	8⅛ x 6	10		46
40 x 40..		4.56	3	8⅛ x 7	2		48

Check Rail Windows

Four Lights

Thickness (Inches)

1 3-8

BM 65.

Size of Glass.	Price per Window Glazed.	Size of Window.				Weight lbs.
10 x 20.....	$0.72	2	1 x 3	10		19
10 x 22.....	.82	2	1 x 4	2		19
10 x 24.....	.84	2	1 x 4	6		21
10 x 26.....	.92	2	1 x 4	10		21
10 x 28.....	.96	2	1 x 5	2		22
10 x 30.....	1.08	2	1 x 5	6		22
10 x 32.....	1.18	2	1 x 5	10		23
12 x 20.....	.80	2	5 x 3	10		19
12 x 22.....	.92	2	5 x 4	2		19
12 x 24.....	.96	2	5 x 4	6		21
12 x 26.....	1.04	2	5 x 4	10		21
12 x 28.....	1.10	2	5 x 5	2		22
12 x 30.....	1.22	2	5 x 5	6		24
12 x 32.....	1.28	2	5 x 5	10		25
12 x 34.....	1.40	2	5 x 6	2		26
12 x 36.....	1.42	2	5 x 6	6		27
12 x 38.....	1.58	2	5 x 6	10		28
12 x 40.....	1.70	2	5 x 7	2		29
14 x 24.....	1.10	2	9 x 4	6		23
14 x 26.....	1.22	2	9 x 4	10		23
14 x 28.....	1.26	2	9 x 5	2		24
14 x 30.....	1.37	2	9 x 5	6		26
14 x 32.....	1.44	2	9 x 5	10		28
14 x 34.....	1.62	2	9 x 6	2		28
14 x 36.....	1.66	2	9 x 6	6		30
14 x 38.....	1.85	2	9 x 6	10		32
14 x 40.....	1.88	2	9 x 7	2		34
15 x 24.....	1.28	2	11 x 4	6		24
15 x 26.....	1.40	2	11 x 4	10		24
15 x 28.....	1.44	2	11 x 5	2		25
15 x 30.....	1.52	2	11 x 5	6		27
15 x 32.....	1.60	2	11 x 5	10		29
15 x 34.....	1.80	2	11 x 6	2		31
15 x 36.....	1.94	2	11 x 6	6		33
15 x 38.....	1.98	2	11 x 6	10		35
15 x 40.....	2.18	2	11 x 7	2		37

Check Rail Windows

Eight Lights

Thickness (Inches)

1 3-8

BM 64.

Size of Glass.	Price per Window Glazed.	Size of Opening			Weight lbs.
9 x 12.....	$0.80	1	11 x 4	6	17
9 x 14.....	.90	1	11 x 5	2	18
9 x 16.....	1.05	1	11 x 5	10	19
10 x 12.....	.82	2	1 x 4	6	18
10 x 14.....	.91	2	1 x 5	2	19
10 x 16.....	1.07	2	1 x 5	10	22
10 x 18.....	1.29	2	1 x 6	6	24

Eight Lights—Cont.

Size of Glass.	Price per Window Glazed.	Size of Opening				Weight lbs.
10 x 20.....	1.41	2	1 x 7	2		26
12 x 14.....	1.07	2	5 x 5	2		23
12 x 16.....	1.18	2	5 x 5	10		24
12 x 18.....	1.30	2	5 x 6	6		27
12 x 20.....	1.60	2	5 x 7	2		30
14 x 16.....	1.41	2	9 x 5	10		28
14 x 18.....	1.53	2	9 x 6	6		31
14 x 20.....	1.70	2	9 x 7	2		35

Check Rail Windows

Twelve Lights

Thickness (Inches)

1 3-8

BM 62.

Size of Glass	Price per Window Glazed.	Size of Opening			Weight lbs.
8 x 10.....	$0.82	1	8½ x 3	9¼	19
8 x 12.....	.98	1	8½ x 4	6	20
8 x 14.....	1.05	1	8½ x 5	2	21
9 x 12.....	1.03	1	10½ x 4	6	22
9 x 14.....	1.21	1	10½ x 5	2	24
9 x 16.....	1.46	1	10½ x 5	10	27
10 x 12.....	1.12	2	0½ x 4	6	23
10 x 14.....	1.25	2	0½ x 5	2	26
10 x 16.....	1.45	2	0½ x 5	10	29
10 x 18.....	1.66	2	0½ x 6	6	30
12 x 14.....	1.66	2	4½ x 5	2	28
12 x 16.....	1.82	2	4½ x 5	10	30
12 x 18.....	1.99	2	4½ x 6	6	32

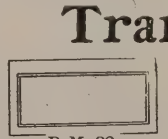
Pantry Check Rail Windows

Two Lights, One Light Wide

BM 30—1⅜ Thick.

Size of Glass.	Price per Window Glazed.	Size of Opening.				Weight lbs.
12 x 24.....	$0.73	1	4⅛ x 4	6		12
12 x 26.....	.86	1	4⅛ x 4	10		13
12 x 28.....	.88	1	4⅛ x 5	2		15
12 x 30.....	.90	1	4⅛ x 5	6		15
12 x 32.....	.96	1	4⅛ x 5	10		16
12 x 34.....	1.08	1	4⅛ x 6	2		16
12 x 36.....	1.12	1	4⅛ x 6	6		17
14 x 24.....	.88	1	6⅛ x 4	6		13
14 x 26.....	.90	1	6⅛ x 4	10		14
14 x 28.....	.92	1	6⅛ x 5	2		15
14 x 30.....	.94	1	6⅛ x 5	6		17
14 x 32.....	.97	1	6⅛ x 5	10		17
14 x 34.....	1.10	1	6⅛ x 6	2		18
14 x 36.....	1.14	1	6⅛ x 6	6		19

Transom Sash



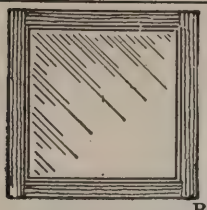
B. M.-32

One Light

1 3-8 Thick

BM 32.

Size of Sash.		Price One Light Glazed.	Weight lbs.
2	6 x 12.....	$0.42	6
2	6 x 14.....	.44	6
2	6 x 16.....	.46	6
2	8 x 12.....	44	7
2	8 x 14.....	46	7
2	8 x 16.....	48	7
2	8 x 18.....	.58	8
2	10 x 14.....	.48	8
2	10 x 16.....	.56	8
2	10 x 18.....	.62	8
2	10 x 20.....	.68	8
3	0 x 14.....	.54	8
3	0 x 16.....	.60	8
3	0 x 18.....	.68	8
3	0 x 20.....	.72	8

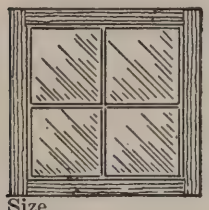


Attic Sash

Three-inch Bottom Rail

BM 118.

Size of Glass.	Price Glazed.	Size of Opening.				Weight lbs.
18 x 20.....	$0.62	1	10 x 2	1		8
20 x 20.....	.66	2	0 x 2	1		8
20 x 24.....	.72	2	0 x 2	5		9
24 x 24.....	.82	2	4 x 2	5		10
24 x 28.....	.90	2	4 x 2	9		11

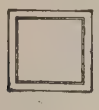


BARN SASH

Four Lights

BM 33.

Size of Glass.	Price Glazed.	Weight lbs.
8 x 10	$0.44	5
9 x 12	.54	7
9 x 14	.58	9
10 x 12	.56	8
10 x 14	.64	10
10 x 16	.72	12
12 x 14	.78	12

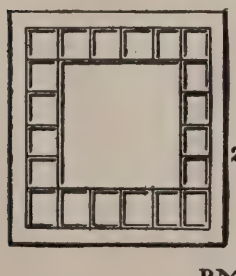


STALL SASH

One Light

BM 35.

Size of Glass.	Price Glazed.	Weight lbs.
8 x10	$0.26	4
10 x 12	.34	4
10 x 14	.36	6
12 x 16	.44	7



Marginal Light Gable Sash

Sash,

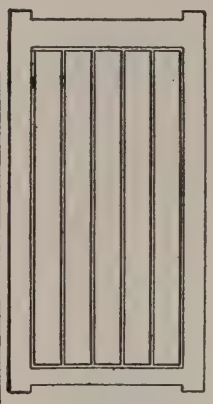
2 ft. wide, x 2 ft. 5 in. high

Marginal Lights, 4 inches wide

BM 120

Glazed.	Price Glazed.
All Clear Glass.....	$1.65
All Chipped Glass.....	1.92
All Wine Cathedral Glass.....	1.92
Clear Center—Wine Cathedral Border....	1.90
Chipped Center—Wine Cathedral Border..	1.92

Above sash glazed weighs 10 lbs.



BM34

Hot Bed Sash

Made for 7-inch glass, 1⅜ inches thick.

Size of sash. Ft.	In.	Ft.	In.	Price glazed.	Wt. lbs.
3	0	x 6	0	$1.94	30

As no two sash will weigh exactly the same, the list of weights as here given are only approximately correct, and are intended only as a guide to enable our customers to figure freight charges to their station.

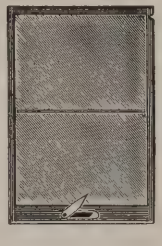
B. M.-31

Cellar Sash

Two Lights

BM 31.

Size of Glass.	Price Single Glazed.	Size of Sash.		Weight lbs.
10 x 12.....	$0.40	2	1 x 16	6
10 x 14.....	.42	2	1 x 18	7
10 x 16.....	.48	2	1 x 20	8
12 x 12.....	.46	2	5 x 16	6
12 x 14.....	.50	2	5 x 18	7
12 x 16.....	.54	2	5 x 20	8
12 x 18.....	.60	2	5 x 22	9
12 x 20.....	.68	2	5 x 24	10



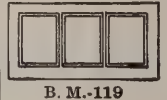
Glazed Storm Sash

The following regular sizes of Storm Sash carried in stock. Immediate shipment.

BM 48

For Windows.	Standard Size Opening. Ft.	In.	Ft.	In.	Price Glazed.
10 x 20, 4 light.....	2	1	x 3	11	$0.84
10 x 24, 4 light.....	2	1	x 4	7	.96
10 x 26, 4 light.....	2	1	x 4	11	1.08
10 x 28, 4 light.....	2	1	x 5	3	1.12
10 x 30, 4 light.....	2	1	x 5	7	1.24
10 x 32, 4 light.....	2	1	x 5	11	1.36
12 x 20, 4 light.....	2	5	x 3	11	.9
12 x 24, 4 light.....	2	5	x 4	7	1.1
12 x 26, 4 light.....	2	5	x 4	11	1.2
12 x 28, 4 light.....	2	5	x 5	3	1.2
12 x 30, 4 light.....	2	5	x 5	7	1.4
12 x 32, 4 light.....	2	5	x 5	11	1.4
14 x 20, 4 light.....	2	9	x 3	11	1.1
14 x 24, 4 light.....	2	9	x 4	7	1.2
14 x 26, 4 light.....	2	9	x 4	11	1.4
14 x 28, 4 light.....	2	9	x 5	3	1.4
14 x 30, 4 light.....	2	9	x 5	7	1.6
14 x 32, 4 light.....	2	9	x 5	11	1.6
14 x 34, 4 light.....	2	9	x 6	3	1.8
14 x 36, 4 light.....	2	9	x 6	7	1.9
20 x 24, 2 light.....	2	0⅛	x 4	7	1.0
20 x 26, 2 light.....	2	0⅛	x 4	11	1.0
20 x 28, 2 light.....	2	0⅛	x 5	3	1.1
20 x 30, 2 light.....	2	0⅛	x 5	7	1.2
20 x 32, 2 light.....	2	0⅛	x 5	11	1.3
22 x 24, 2 light.....	2	2⅛	x 4	7	1.0
22 x 26, 2 light.....	2	2⅛	x 4	11	1.1
22 x 28, 2 light.....	2	2⅛	x 5	3	1.2
22 x 30, 2 light.....	2	2⅛	x 5	7	1.3
22 x 32, 2 light.....	2	2⅛	x 5	11	1.4
24 x 24, 2 light.....	2	4⅛	x 4	7	1.2
24 x 26, 2 light.....	2	4⅛	x 4	11	1.2
24 x 28, 2 light.....	2	4⅛	x 5	3	1.3
24 x 30, 2 light.....	2	4⅛	x 5	7	1.4
24 x 32, 2 light.....	2	4⅛	x 5	11	1.5
24 x 34, 2 light.....	2	4⅛	x 6	3	1.6
24 x 36, 2 light.....	2	4⅛	x 6	7	1.6
26 x 28, 2 light.....	2	6⅛	x 5	3	1.5
26 x 30, 2 light.....	2	6⅛	x 5	7	1.6
26 x 32, 2 light.....	2	6⅛	x 5	11	1.6
26 x 34, 2 light.....	2	6⅛	x 6	3	1.9
26 x 36, 2 light.....	2	6⅛	x 6	7	1.9
28 x 28, 2 light.....	2	8⅛	x 5	3	1.6
28 x 30, 2 light.....	2	8⅛	x 5	6	1.6
28 x 32, 2 light.....	2	8⅛	x 5	11	1.9
28 x 34, 2 light.....	2	8⅛	x 6	3	2.0
28 x 36, 2 light.....	2	8⅛	x 6	7	2.1
30 x 30, 2 light.....	2	10⅛	x 5	7	2.0
30 x 32, 2 light.....	2	10⅛	x 5	11	2.1

Ventilators in bottom rail 10c. extra.
Other sizes made to order.



B. M.-119

Cellar Sash

Three Lights

BM 119.

Size of Glass.	Price Double Glazed.	Size of Sash.		Weigh lbs.
7 x 9.....	$0.36	2	1 x 13	
8 x 10.....	.40	2	4 x 14	
8 x 12.....	.46	2	4 x 16	
9 x 12.....	.48	2	7 x 16	
9 x 14.....	.50	2	7 x 18	
9 x 16.....	.56	2	7 x 20	
10 x 12.....	.50	2	10 x 16	
10 x 14.....	.55	2	10 x 18	
10 x 16.....	.62	2	10 x 20	

Our Methods, Goods, Prices and Free Premiums elicit many letters of approval, like these:

UPLAND, NEB., July 12, 1906.

Montgomery Ward & Co.

Gentlemen:—I have traded with you for more than twenty years, and have bought goods out of every department of your house, and also have visited your Chicago store personally. You have always been prompt, fair and courteous with me, and if ever a mistake has been made you have corrected it promptly and to my entire satisfaction. I have just received from you as my latest Free Premium for Dividend Certificates a beautiful combined Bookcase and Writing Desk. It is a fine piece of furniture and much better and more valuable than I had expected. I thank you very much for this valuable premium. You need no recommendation here. We all know you well and favorably. Yours truly,

MR. GEO. HANSEN

GEO. HANSEN.

ARMSTRONG, NEB., June 7, 1906.

Montgomery Ward & Co.

Gentlemen:—I was a retail dealer for 24 years in Armstrong, Neb., during which time I never failed nor burned out, but discounted all bills and so got well acquainted with the jobbing houses. Two years ago I sold my store and commenced buying my goods of you. I find that you do exactly according to your guarantee and that you are just as straight as the U. S. Government. It is a great favor to all people to be able to trade with you. During my two years' dealings with your house I have received from you several premiums for Dividend Certificates, my last one being a pair of spectacles that would have cost me here at least double your catalogue price.

MR. THOS. BELSKY

There is one advantage to the farmer in trading with you that I have never seen printed. Our small towns with their saloons, etc., are spoiling our young families, and the less our boys—and some older farmers too,—go to town the better farms, homes and crops they will have, the happier they will be and the better able to buy their wants for cash and save lots of their money. Towns of 500 inhabitants that have to support four saloons, paying from $600 to $1000 yearly license, have plenty money in the treasury while the country schools have no money to hire the best teachers with an can afford but six months of school yearly. Wit your catalogue any one can buy without going t town and wasting time, money and health.

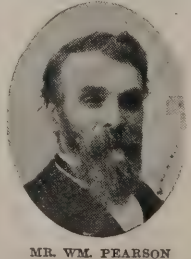
Yours very truly,

THOS. BELSKY

NEW SHARON, IOWA, May 23, 1906.

Montgomery Ward & Co.

Gentlemen:— The Medical Electric Battery whic I received from you as my fre premium is entirely satisfactory being complete in every partic ular, and perfect in workman ship.



MR. WM. PEARSON

We heartily approve of you Free Premium plan and conside it to be one more strong induce ment for the people to give yo their patronage. I have deal with you for several years for quite a considerabl amount each year, and alway to my satisfaction. Very fe mistakes have been made, an these few have been cheerfull rectified. I like your honor able way of doing business.

WM. PEARSON.

Stock Newels, Angle Newels, Balusters, Etc.

BM-113

6 in. shaft 4 ft. long

Price
Oak $4.10
Yellow Pine... 3.80

BM-114

4½ in. shaft
5 to 6 feet long

Price
Oak.....$1.98
Yellow Pine... 1.80

BM-121

6 in. shaft 4 ft. long

Price
Oak.....$5.40

BM-131

4½ in. shaft
5 to 6 feet long

Price
Oak $2.60
Yellow Pine... 2.30

BM-112

6 in. shaft 4 ft. long

Price
Oak... .....$3.80
Yellow Pine... 3.60

BM-133

4½ in. shaft
5 to 6 ft. long

Price
Oak..... .$2.90

BM-137

6 in. shaft 4 ft. long

Price
Oak.....$4.30

Hand Sanded Balusters

BM-117

Oak
⅞x28 in. ..... .10
⅞x32 in. ..... .10
Yellow Pine
⅞x28 in. ..... .10
⅞x32 in. ..... .10

BM-118

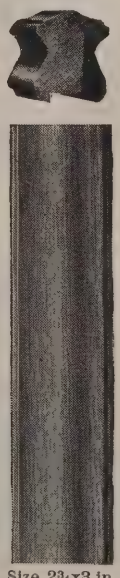
Oak
1⅜x28 in. ..... .10
1⅜x32 in. ..... .10

BM-116

Oak
1⅜x28 in. ..... .10
1⅜x32 in. ..... .10
Yellow Pine
1¼x28 in. ..... .10
1¼x32 in. ..... .10

Bench Work Rail

BM-120



Size 2¾x3 in.
Per Lineal ft.
Oak..... .15
Yellow Pine..... .15

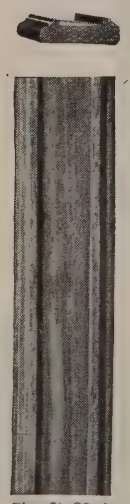
Fillet

BM-138

Size ⅜x1¾ in.
Per 100 Lineal ft.
Oak $1.00
Yellow Pine..... .65

Shoe

BM-139



Size ⅞x2¾ in.
Per Lineal ft.
Oak..... .03
Yellow Pine ..... .02½

Stair Work We give particular attention to this branch of our business and guarantee the material used and workmanship to be first-class. We are prepared to furnish stairs complete, or newels, railings or balusters for either plain or highly ornamental and intricate stair cases, at low prices.

Porch Material

BM 78

Turned Veranda Porch Posts

BM 78.

Size, Inches.	Length, Feet.	Price, No. 1 Quality.	Price, Painted.
4 x 4	8	$0.60	$0.52
4 x 4	9	.67	.56
4 x 4	10	.74	.60
5 x 5	8	.93	.78
5 x 5	9	1.05	.84
5 x 5	10	1.17	.90
6 x 6	8	1.34	1.05
6 x 6	9	1.52	1.14
6 x 6	10	1.69	1.22

BM 79

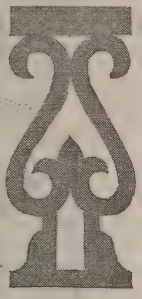
BM 80

Porch Newels

Size. Inches.	Length, Feet.	Price, BM 79.	Price, BM 80.
4 x 4	4	$0.40	$0.33
5 x 5	4	.55	.53
6 x 6	4	.66	.64

All patterns shown carried in stock.

BM 34 Sawed Baluster



Sawed Balusters

BM 84.

Size.	Length.	Price.
⅞ x 6	20 in.	$0.07
⅞ x 6	24 in.	.07

Porch Spindles

BM 91 BM 92 BM 93 BM 94 BM 95

Size, 1¾ x 10 inches. Any of the above designs, $0.02 each.
We can furnish Design BM 95, 1⅜ x 10 inches, $1.25 crate of 100.

BM 83

Porch Balusters

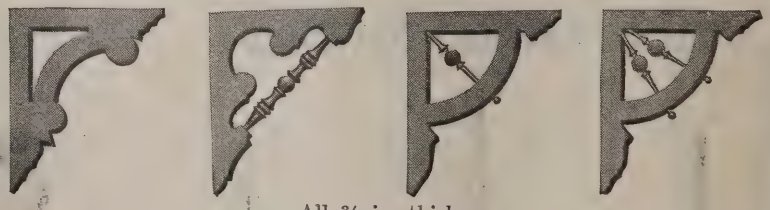
Size.	Price, each.
1¾ x 20	$0.04
1¾ x 24	.04

Either design furnished at the above prices.

BM 82

Porch Brackets

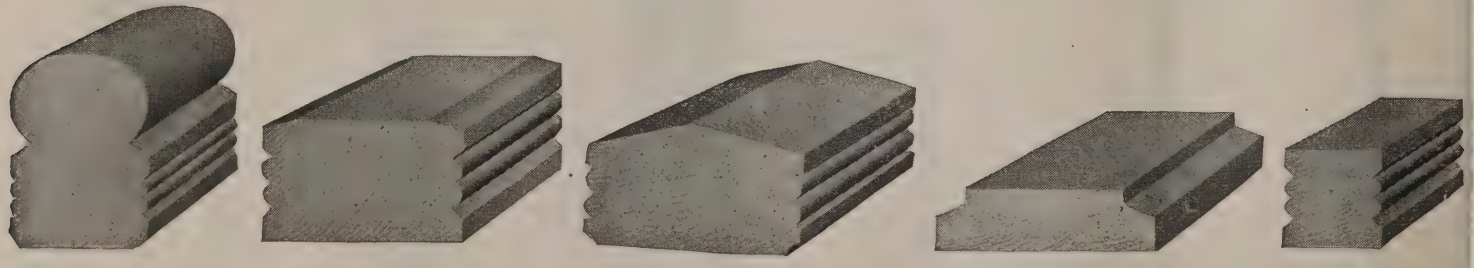
BM 300 BM 101 BM 102 BM 103



All ⅜ in. thick.

Size.	BM 100.	BM 101.	BM 102.	BM 103.
10 x 12	$0.07	$0.08	$0.08	$0.09
12 x 14	.08	.09	.09	.10

Top and Bottom Porch Rail



Top Rail, 2¼x3¼ Bottom Rail, 1¾x3 Top Rail, 1⅝x3 Bottom Rail, ⅞x3 Beaded Baluster Stock

	BM 86.	BM 87.	BM 88.	BM 89.	BM 90.
Price per 100 lineal feet	$4.75	$3.50	$3.25	$2.00	$2.10

We call particular attention to Beaded Baluster stock, which we ship out in lineal lengths and can be cut up, forming Porch Balusters very low in price, and which makes a first-class porch job.

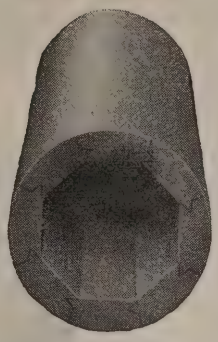
Colonial Porch Material

BM 70
Wood Cap

BM 70.

Diameter. Inches.	Height over all.	Price.
6	6 ft.	$1.62
6	8 ft.	1.73
6	9 ft.	2.04
8	8 ft.	2.10
8	9 ft.	2.34
8	10 ft.	2.58
10	8 ft.	2.76
10	9 ft.	3.06
10	10 ft.	3.36

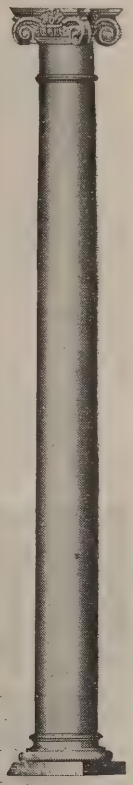
We can furnish columns up to 12 inches in diameter and up to 12 feet in length.



Sectional Cut of Built-Up Columns.

Showing "V" lock-joint, giving one-third more pressure gluing surface than any other built-up column on the market.

BM 71
Composition
Cap



BM 71.

Diameter. Inches.	Height over all.	Price.
6	6 ft.	$2.10
6	8 ft.	2.34
6	9 ft.	2.52
8	8 ft.	2.64
8	9 ft.	2.88
8	10 ft.	3.12
10	8 ft.	3.48
10	9 ft.	3.98
10	10 ft.	4.08

In comparing our prices with others, always consider quality.

BM 72

Colonial
Newell
To match Plain
Colonial
Columns

Colonial Newel—BM 72.

Diameter. Inches.	Height.	Price.
6	4 ft.	$1.08
8	4 ft.	1.26
10	4 ft.	1.44

We can make prompt shipment of all designs shown on this page.

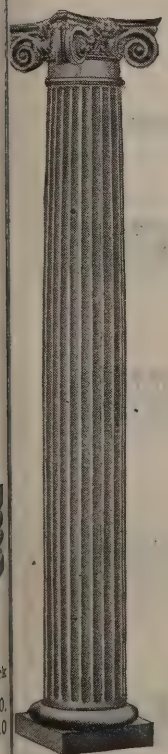
BM 143

Fluted
Newell
To match
Fluted Columns

Fluted Newel—BM 143.

Diameter. Inches.	Height.	Price.
6	4 ft.	$1.75
8	4 ft.	2.00
10	4 ft.	2.25

BM 144



Scamozzi
Design

BM 144.

Diameter. Inches.	Height over all.	Price.
8	8 ft.	$3.50
8	9 ft.	3.75
8	10 ft.	4.00
10	8 ft.	4.75
10	9 ft.	5.00
10	10 ft.	5.25

BM 74.

Colonial Top Rail.

Size—2¾ x 3¾.

Price per lineal ft.....6¾c

BM 73.

Colonial Baluster.

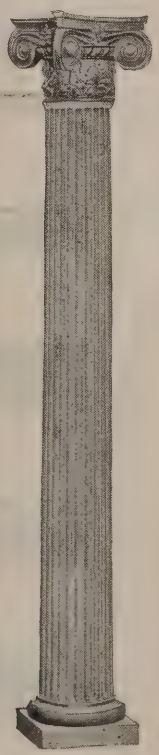
Solid Turned.

Baluster.

2¼x2¼x20 in.....11½c

2¼x2¼x24 in.....13½c

BM 145



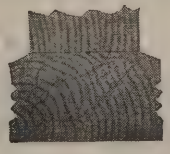
Empire Design

BM 145.

Diameter. Inches.	Height over all.	Price.
8	8 ft.	$4.50
8	9 ft.	4.75
8	10 ft.	5.00
10	8 ft.	6.00
10	9 ft.	6.25
10	10 ft.	6.50

BM 75.

Colonial Bottom Rail.



Size—1¾ x 2¾.

Price per lineal ft.....3c

Hardwood Flooring

Dressed and Matched and End Matched

3-8 inch Thick, 1 1-2-inch Face, Polished, blind bored, tongued and grooved.

In comparing our prices of flooring, please notice that we charge for square foot of surface, whereas lumber merchants charge lumber measure, which covers one-third less, and our stock is all selected quality.

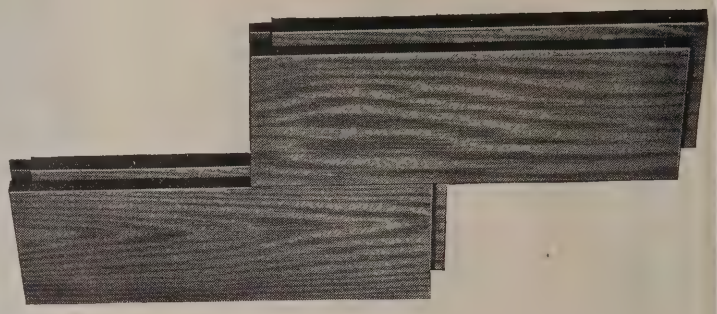
Don't practice a false economy and sacrifice value when buying a hardwood floor. Buy the best. It is permanent and its evidence is ever before you.

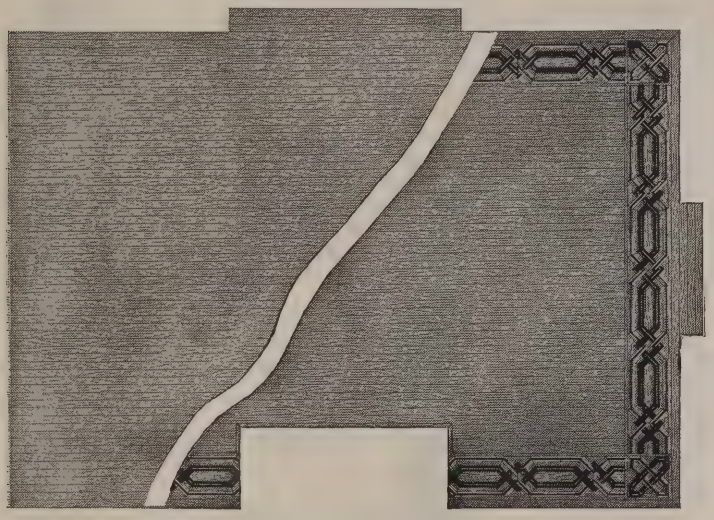
Hardwood floors are healthful, handsome and economical. With modern appliances are easily kept clean and the natural beauty of the wood retained. Are cheaper than carpets, and when used in connection with rugs, give a very handsome effect in the furnishing of the modern home.

This ⅜-inch dressed and matched flooring takes the place of the old-fashioned thick flooring; is cheaper in price, easier laid and wears for all time. With ordinary care given hardwood flooring, you do not even wear through the finishing of the floor, let alone wearing out the floor. Consequently ⅜-inch flooring is supplanting thick floors and is laid on linings to form new floors in new houses.

But the special feature of the ⅜-inch flooring is its adaptability in covering old floors, doing away with the soft floors and carpets and giving a strictly "hygienic" floor, attractive, beautiful, lasting and finished in the natural wood.

Our flooring is run with a polished surface, tongued and grooved matched ends, so that the question of laying and finishing a hardwood floor is now reduced to a minimum. As it is end matched, any lengths, however short, can be utilized, and the floor laid as substantially as though in one piece.





Pfices on flooring subject to change without notice.

Prices on Hardwood Flooring

Kind of Wood.	Thickness.	Width of face.	Price per sq. foot.
Clear Plain Red Oak	⅜ in.	1 ½ in.	$0.07½
Clear Plain White Oak	⅜ in.	1 ½ in.	.07½
Clear Quarter Sawed Red Oak	⅜ in.	1 ½ in.	.09½
Clear Quarter Sawed White Oak	⅜ in.	1 ½ in.	.10
Clear Maple	⅜ in.	1 ½ in.	.06

The above prices are for one square foot of actual floor surface. Thus a room 10 x16 will require 160 square feet of the above flooring, and the cost of a plain red oak floor for this size room would be 160 x .07½, or $12.00.

We can furnish complete materials for laying and finishing a floor including proper size nails, filler, benzine, sand paper, shellac and floor wax for two cents per square foot of floor surface.

These materials for a room the size as taken above will cost 160 x .02, or $3.20.

If desired varnish will be substituted in place of the shellac at the same price.

The hardwood floor is a permanent sanitary improvement to your home which will always be a source of comfort to you and your guests. As your carpets wear out, replace with hardwood floors.

The component parts of a fine floor are good material and good workmanship. Good workmanship is utterly thrown away if the material is not good.

The opposite illustration shows a room treated two ways—all plain oak strips—and plain oak strips center with 12-inch border No. BM 227, both styles are equally good taste and popular.

The reasonable price and durability recommend these goods to all those wishing a modern floor.

We show below a complete line of parquet borders, ranging in width from 2 to 12 inches. They are sold by the lineal foot and come in lengths 12 ft. long, ready to put down.

Mahogany.
BM 205—2 inches wide.
Per lineal foot, **$0.02½.**

Mahogany and Maple.
BM 206—2 ¼ inches wide.
Per lineal foot, **$0.07½.**

Oak and Dark Oak.
BM 207—2 ¼ inches wide.
Per lineal foot, **$0.07½.**

Oak, Maple and Mahogany.
BM 208—5 inches wide.
Per lineal foot, **$0.17½.**

Oak, Maple and Mahogany.
BM 209—6 inches wide.
Per lineal foot, **$0.20.**

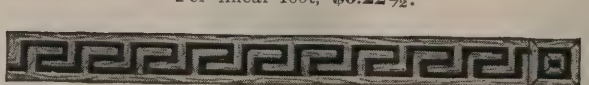
Oak and Mahogany.
BM 212—6 inches wide.
Per lineal foot, **$0.22½.**

Oak, Maple and Cherry.
BM 213—8 inches wide.
Per lineal foot, **$0.21½.**

Oak, Maple, Dark Oak, Mahogany.
BM 217—8 inches wide.
Per lineal foot, **$0.21½.**

Oak and Mahogany.
BM 218—8 inches wide.
Per lineal foot, **$0.22½.**

Oak, Maple and Mahogany.
BM 219—8 inches wide.
Per lineal foot, **$0.22½.**



Oak and Mahogany.
BM 221—8 inches wide.
Per lineal foot, **$0.22½.**

Hardwood Flooring (Continued)

Oak and Dark Oak.
BM 222—8 inches wide.
Per lineal foot, **$0.26½.**

Oak and Mahogany.
BM 224—8 inches wide.
Per lineal foot, **$0.19.**

Oak, Maple and Mahogany.
BM 227—12 inches wide.
Per lineal foot, **$0.37½.**

Oak and Mahogany.
BM 229—12 inches wide.
Per lineal foot, **$0.25.**

If you place your order with us for this class of material, we will send you a working plan for your carpenter to follow, with explicit directions of laying and finishing your floor.

If you desire quotations on a floor made from the flooring and borders as listed on these pages, kindly advise us as to wood and design of border you prefer and we will make you quotations by return mail.

Oak and Mahogany.
BM 223—8 inches wide.
Per lineal foot, **$0.22½.**

Oak, Maple and Cherry.
BM 226—10 inches wide.
Per lineal foot, **$0.22½.**

Oak and Mahogany.
BM 228—12 inches wide.
Per lineal foot, **$0.31½.**

Oak and Mahogany.
BM 231—12 inches wide.
Per lineal foot, **$0.21½.**

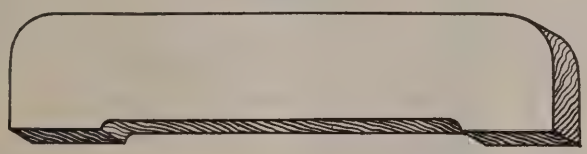
We carry a large stock of this class of goods and can make immediate shipment.

We are in a position whereby we can furnish any kind of parquet flooring and if you will send us a blue print or sketch showing style you desire giving correct measurements and outline of room we will be pleased to make you an estimate on same.

Interior Finish

Pilaster Casing

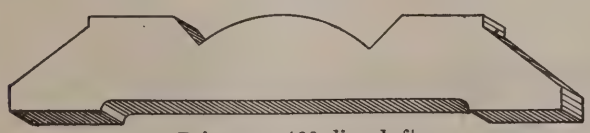
BM 128.



Price per 100 lineal ft.

Size	$\frac{13}{16}$x3¾ in.	$\frac{13}{16}$x4¼ in.	$\frac{13}{16}$x4¾ in.
Yellow Pine	$1.75	$2.00	$2.20
White Pine	1.92	2.16	2.40
Plain Red Oak:			
Less than 200 lineal feet	3.60	4.20	4.60
200 lineal feet or more	3.20	3.60	4.00
Quarter Sawed Red Oak:			
Less than 200 lineal feet	4.60	5.20	5.65
200 lineal feet or more	4.00	4.60	5.05

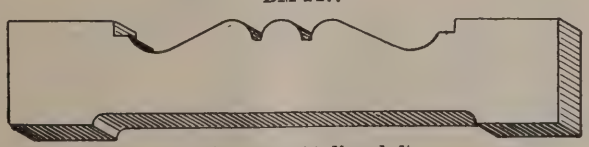
BM 127.



Price per 100 lineal ft.
Size—$\frac{13}{16}$x4¼ in.

Yellow Pine	$2.00
White Pine	2.16

BM 147.

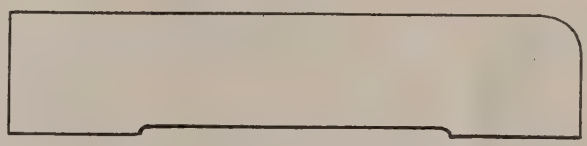


Price per 100 lineal ft.
Size—$\frac{13}{16}$x4¼ in.

Yellow Pine	$2.00
White Pine	2.16

Window Apron

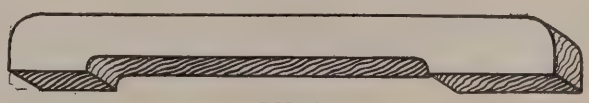
BM 148.



Price per 100 lineal ft.

Size	$\frac{13}{16}$x3¾ in.	$\frac{13}{16}$x4¼ in.
Yellow Pine	$1.76	$2.00
White Pine	1.92	2.16
Plain Red Oak:		
Less than 200 lineal ft	3.80	4.20
200 lineal feet or more	3.20	3.60
Quarter Sawed Red Oak:		
Less than 200 lineal ft	4.65	5.20
200 lineal feet or more	4.05	4.60

Chair Rail



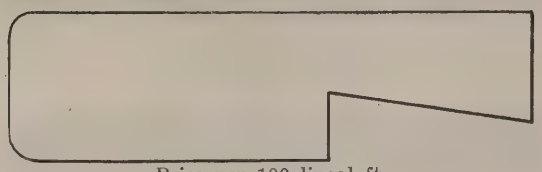
BM 149.
Price per 100 lineal ft.
Size—⅜x3½ in.

Yellow Pine	$1.26
Plain Red Oak:	
Less than 200 lineal ft	2.90
200 lineal ft. or more	2.30
Quarter Sawed Red Oak:	
Less than 200 lineal ft	3.50
200 lineal ft. or more	2.90

Interior Finish (Continued)

Window Stool

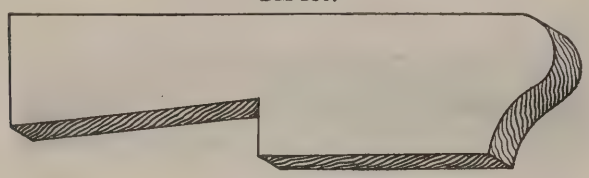
BM 150.



Price per 100 lineal ft.
Size—1⅛x3½ in.

Yellow Pine	$2.80
White Pine	3.00
Plain Red Oak:	
Less than 200 lineal feet	5.60
200 lineal feet or more	5.00
Quarter Sawed Red Oak:	
Less than 200 lineal feet	6.95
200 lineal feet or more	6.35

BM 130.



Price per 100 lineal ft.
Size—1⅛x4¼ in.

Yellow Pine	$3.12
White Pine	3.40
Plain Red Oak:	
Less than 200 lineal feet	6.25
200 lineal feet or more	5.65
Quarter Sawed Red Oak:	
Less than 200 lineal feet	7.75
200 lineal feet or more	7.15

Base and Base Moulding

Base Moulding.

BM 152.

Price per 100 lineal ft.
Size—$\frac{13}{16}$x2¼ in.

Yellow Pine	$1.15
White Pine	1.25
Plain Red Oak:	
Less than 200 lineal feet	2.70
200 lineal feet or more	2.10
Quarter Sawed Red Oak:	
Less than 200 lineal feet	3.25
200 lineal feet or more	2.65

Base

BM 154.

Price per 100 lineal ft.
Size—$\frac{13}{16}$x7½ in.

Yellow Pine	$3.42
White Pine	3.72
Plain Red Oak:	
Less than 200 lineal feet	6.75
200 lineal feet or more	6.15
Quarter Sawed Red Oak:	
Less than 200 lineal feet	8.40
200 lineal feet or more	7.80

Carpet Strip

BM 159.

Price per 100 lineal ft.

Yellow Pine	$0.34
White Pine	.46
Plain Red Oak	.76

Base

BM 132.

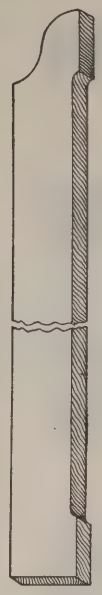
Price per 100 lineal ft.
Size—$\frac{13}{16}$x7¼ in.

Yellow Pine	$3.30
White Pine	3.60

We can also furnish any of the casings and mouldings shown on this page in Birch and Cypress. Write for particulars.

BM132

O. G. Base and Casing



Base.

BM 164.

Price per 100 lineal ft.
Size—$\frac{13}{16}$x7¼ in.

Yellow Pine	$3.3(
White Pine	3.6(

We can furnish this design also as a casing.

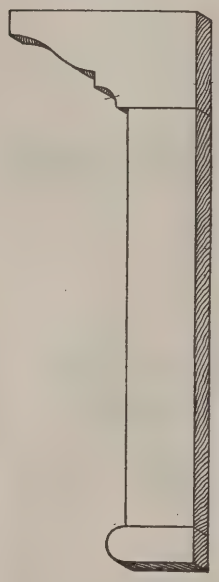
Casing.

BM 129.

Price per 100 lineal ft.
Size—$\frac{13}{16}$x4¼ in.

Yellow Pine	$2.0(
White Pine	2.1(

Door and Window Cap Trim



Cap Moulding.

BM 167.

Price per 100 lineal feet.
Size—1⅛x2¼ in.

Yellow Pine	$1.75
White Pine	1.90
Plain Red Oak:	
Less than 200 lineal feet	3.75
200 lineal feet or more	3.15
Quarter Sawed Red Oak:	
Less than 200 lineal feet	4.60
200 lineal feet or more	4.00

Head Casing.

BM 168.

Price per 100 lineal feet.
Size—$\frac{13}{16}$x4½ in.

Yellow Pine	$2.10
White Pine	2.30
Plain Red Oak:	
Less than 200 lineal feet	4.40
200 lineal feet or more	3.80
Quarter Sawed Red Oak:	
Less than 200 lineal feet	5.40
200 lineal feet or more	4.80

BM125

Fillet.

BM 172.

Price per 100 lineal feet.
Size—$\frac{7}{16}$x1 in.

Yellow Pine	$0.4(
White Pine	.45
Oak	.85

O. G. Door and Window Stop.

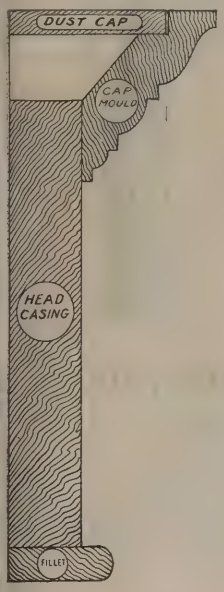
BM 125.

Price per 100 lineal ft.

Size.	Yellow Pine.	White Pine.	Oak
⅜ x 1⅛ in...	$0.34	$0.46	$0.7
⅜ x 1⅜ in...	.38	.54	.8
⅜ x 1¾ in...	.48	.64	1.1(
⅜ x 2 in.....	.68	.72	1.2(
½ x 1⅛ in...	.40	.50	.8
½ x 1⅜ in...	.43	.55	.9(
½ x 1¾ in...	.70	.72	1.2(
½ x 2 in.....	.75	.82	1.3

Interior Finish (Continued)

Door and Window Cap Trim



Door and Window Cap Trim.

Dust Cap.
BM 173.
Price per 100 lineal feet.
Size—$\frac{5}{16}$x1¾ in.

White Pine	$0.62

Embossed Cap Moulding.
BM 174.
Price per 100 lineal feet.
Size—⅞x2¾ in.

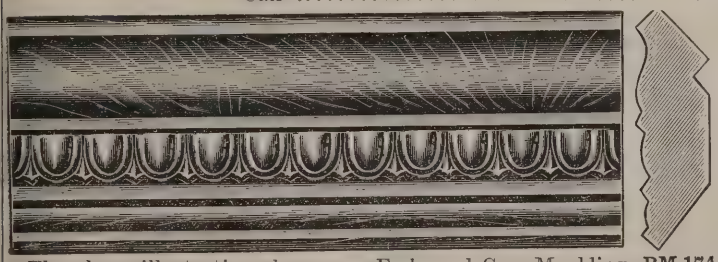
Yellow Pine	$1.80
Oak	2.40

Head Casing.
BM 175.
Price per 100 lineal feet.
Size—$\frac{13}{16}$x4½ in.

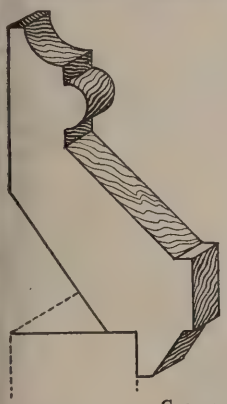
Yellow Pine	$2.10
White Pine	2.30
Plain Red Oak:	
Less than 200 lineal feet	4.40
200 lineal feet or more	3.80
Quarter Sawed Red Oak:	
Less than 200 lineal feet	5.40
200 lineal feet or more	4.80

Fillet.
BM 177.
Price per 100 lineal feet.
Size—$\frac{7}{16}$x1 in.

Yellow Pine	$0.40
White Pine	.45
Oak	.85

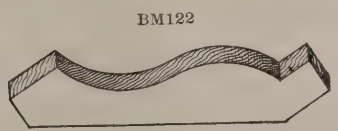


The above illustration shows our Embossed Cap. Moulding, **BM 174.**



Wainscoting Cap.
BM 178.
Price per 100 lineal feet.
Size—$\frac{13}{16}$x2¾ in.

Yellow Pine	$1.40
White Pine	1.50



Crown Moulding.
BM 122.
Price per 100 lineal ft.

Size	2¼ in.	3¼ in.	3¾ in.	4¼ in.	4¾ in.
White Pine	$1.15	$1.60	$1.85	$2.05	$2.30

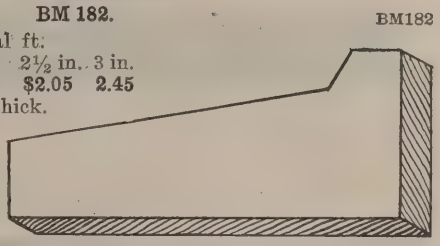
Bed Moulding.
BM 179.
Price per 100 lineal ft.

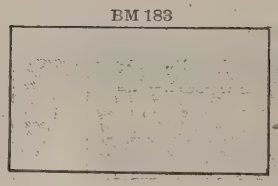
Size	$\frac{13}{16}$x1½	$\frac{13}{16}$x2¼
White Pine	$0.75	$1.15

Drip Cap Moulding.
BM 182.
Price per 100 lineal ft.

Width	1⅝ in.	2 in.	2½ in.	3 in.
White Pine	$1.35	$1.70	$2.05	2.45

The above 1⅛ in. thick.



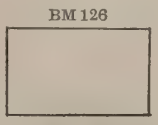


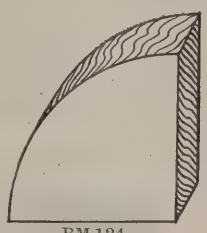
Blind Stop.
BM 183.
Price per 100 lineal ft.
Size—$\frac{13}{16}$x1⅜.

White Pine	$0.70

Parting Stop.
BM 126.
Price per 100 lineal ft.
Size—½x$\frac{13}{16}$.

Yellow Pine	$0.34
White Pine	.46



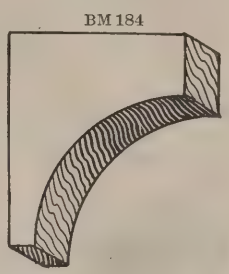


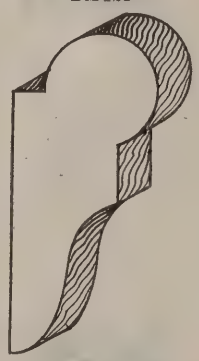
Quarter Round.
BM 124.
Price per 100 lineal ft.
Size—⅞x⅞.

Yellow Pine	$0.34
White Pine	.46
Plain Red Oak	.75

Picture Moulding.
BM 184.
Price per 100 lineal ft.
Size—$\frac{13}{16}$x1¾.

Yellow Pine	$0.90
Oak	1.20





Cove Moulding.
BM 123.
Price per 100 lineal ft.

Size	¾x⅞	$\frac{13}{16}$x1⅛
Yellow Pine	$0.34	$0.44
White Pine	.46	.58
Plain Red Oak	.75	.95

Embossed Mouldings.
BM 187.

Price per 100 lineal ft.
Size—⅝x1½.

Yellow Pine	$0.90
Oak	1.00

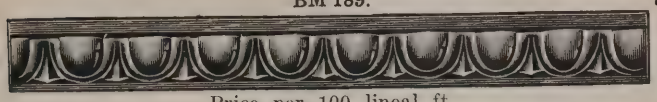
BM 188.

Price per 100 lineal ft.
Size—¾x⅝.

Yellow Pine	$0.90
Oak	1.00

Interior Finish (Continued)

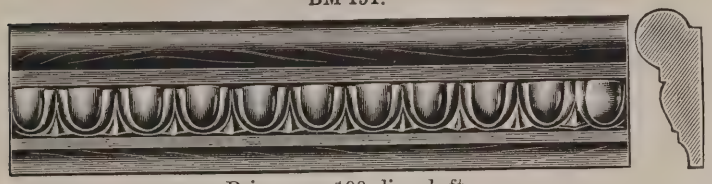
BM 189.



Price per 100 lineal ft.
Size—⅝x1.

Yellow Pine	$1.00
Oak	1.10

Embossed Picture Moulding.
BM 191.



Price per 100 lineal ft.
Size—⅞x1½.

Yellow Pine	$1.35
Oak	1.60

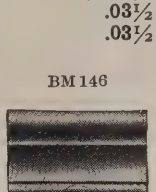
BM 134

Head Blocks

BM 134.

Size.	Price. White Pine.	Price. Yellow Pine.
4½ x 10 x 1⅛	$0.03½	$0.03½
5 x 10 x 1⅛	.03½	.03½
5½ x 10 x 1⅛	.03½	.03½

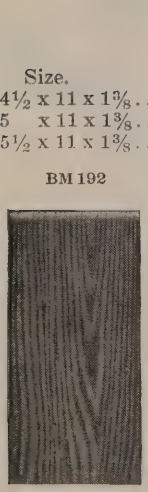
BM 146



Base Blocks.
BM 136.

Size.	Price. White Pine.	Price. Yellow Pine.
4½ x 11 x 1⅜	$0.03½	$0.03½
5 x 11 x 1⅜	.03½	.03½
5½ x 11 x 1⅜	.03½	.03½

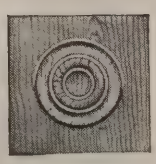
BM 192



Base Blocks.
BM 192.

Size.	Price. White Pine.	Price. Yellow Pine.
4½ x 11 x 1⅜	$0.03½	$0.03½
5 x 11 x 1⅜	.03½	.03½
5½ x 11 x 1⅜	.03½	.03½

BM 155



BM 135.
Corner Blocks.

Size.	Price. White Pine.	Price. Yellow Pine.
4½ x 4½ x 1⅛	$0.02	$0.02
5 x 5 x 1⅛	.02	.02
5½ x 5½ x 1⅛	.02	.02

Corner Beads.
BM 141.

Size.	Price. White Pine.	Price. Yellow Pine.
1⅝ x 4 feet	$0.10	$0.10
1¾ x 4 feet	.12	.12

Hardwood Thresholds.
BM 140.

Size, ⅝ x 3¾, 3 feet long. Price, each $0.06

BM 142

Base Corners.
BM 142.

Size.	Price. White Pine.	Price. Yellow Pine.
1⅜ x 12	$0.02	$0.02
1⅜ x 14	.02	.02

BM 20

Outside Blinds

Rolling Slats.

1⅛ inches thick.

We carry the following sizes in stock and can make prompt shipments. Sizes not included in following list must be made to order and will require about 30 days to make delivery after order is received.

Blinds for 12-Light Windows.
Size of Opening.

Size of Glass.	Width. Feet.	Width. Inches.	Height. Feet.	Height. Inches.	Price Per Pair.
8 x 10	2	4½	3	11	$0.88
8 x 12	2	4½	4	7	1.00
8 x 14	2	4½	5	3	1.10
9 x 12	2	7½	4	7	1.10
9 x 14	2	7½	5	3	1.20
9 x 16	2	7½	5	11	1.32
10 x 12	2	10½	4	7	1.16
10 x 14	2	10½	5	3	1.25
10 x 16	2	10½	5	11	1.40
10 x 18	2	10½	6	7	1.56
10 x 20	2	10½	7	3	1.72

Blinds for 8-Light Windows.
Size of Opening.

Size of Glass.	Width. Feet.	Width. Inches.	Height. Feet.	Height. Inches.	Price Per Pair.
9 x 12	1	11	4	7	$1.00
9 x 16	1	11	5	3	1.10
9 x 16	1	11	5	11	1.25
10 x 12	2	1	4	7	1.00
10 x 14	2	1	5	3	1.10
10 x 16	2	1	5	11	1.25
12 x 14	2	5	5	3	1.10
12 x 16	2	5	5	11	1.25
12 x 18	2	5	6	7	1.40
12 x 20	2	5	7	3	1.54

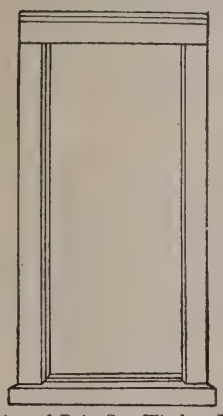
Blinds for 4-Light Windows.
Size of Opening.

Size of Glass.	Width. Feet.	Width. Inches.	Height. Feet.	Height. Inches.	Price Per Pair.
12 x 20	2	5	3	11	$0.88
12 x 22	2	5	4	3	.90
12 x 24	2	5	4	7	1.00
12 x 26	2	5	4	11	1.05
12 x 28	2	5	5	3	1.15
12 x 30	2	5	5	7	1.20
12 x 32	2	5	5	11	1.25
12 x 34	2	5	6	3	1.35
12 x 36	2	5	6	7	1.40
14 x 24	2	9	4	7	1.15
14 x 26	2	9	4	11	1.16
14 x 28	2	9	5	3	1.20
14 x 30	2	9	5	7	1.30
14 x 32	2	9	5	11	1.35
14 x 34	2	9	6	3	1.50
14 x 36	2	9	6	7	1.55

Door and Window Frames

Window Frames

BM 232



Elevation of Drip Cap Window Frame

BM 232—Plain drip cap window frames, for heck rail windows. For frame buildings, 2x4 tudding. Clear ⅞ x 4 ½ casing. Clear ⅞ x 5 ⅝ ulley, style No. 1 select, common 2x8 sill. All tops included all selected, clear Wisconsin white ine. For windows 2 ft. 9 in. wide by 5 ft. 10 in. r smaller opening. In the knockdown price, ach **$1.20**

BM 233—Plain drip cap window frame for check ail windows. Casing, ⅞ x 4 ½, pulley style ⅞ x ⅝, sill 2x8, pulley stiles and sills, sound common lumber. Casing clear, all white pine. The tandard stock frame of the middle West, for pening 2 ft. 9 in. wide by 5 ft. 2 in. high or maller. In the knockdown price, each... **$1.10**

The above quotations are for standard Western izes only, as given in the Official List of Wholeale Sash, Door and Blind Association, adopted ct. 15, 1903.

The above frames have the blind stop plowed in amb so that when the ⅞ outside casing is nailed n, a 1 ⅛ in. rabbet is formed for blinds or storm ash.

For moulded cap, add 25c.

For frames with pockets cut and with pulleys, dd 25c.

For wider jambs up to 7 ½ in., add 25 cents.

For wider frames up to 48 in., glass, add 25 ents.

For wider frames up to 60 in., glass, add 50 ents.

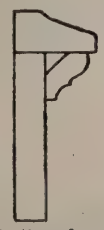
For higher frames than 5 ft. 10 in., for each dditional inch in height add 1 ¼ cents.

Brick Veneered frames for check rail windows. or openings 2 ft. 9 in. wide by 5 ft. 10 in. high ith No. 8441 staff bead 4 ½ in. white pine blind op, common jambs. Price, each..... **$1.50**

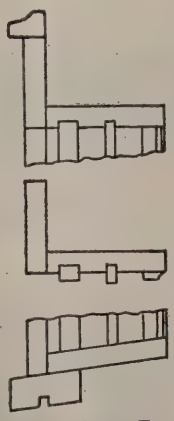
Box window frames for brick building for openg 2 ft. 9 in. wide by 5 ft. 10 in. wide. All white ine with pockets and pulleys. In the knockdown, ach **$2.00**

For larger size box window frames add 1 ¼ ents for each additional inch in width and 2 ½ ents for each additional inch in height.

iew of Pulley Stile



Section of Crown Mld. Cap

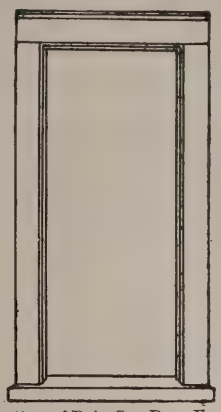


Section of Window Frame

Outside Door Frame

For Frame Buildings

BM 234



Elevation of Drip Cap Door Frame

BM 234—Outside door frames for frame buildings, 2x4 studding. Plain drip cap door frames for opening 3x7 ft. or smaller. 1 ⅜ x 5 ½ in. jambs, 2x8 sills, casings ⅞ x 4 ½. Jambs and sills select common. Casings clear, all white pine. Price, each, in the knockdown..... **$1.40**

Add for moulded cap, 25 cents.

Add for oak sills, 30 cents.

Add for wider jambs up to 7 ½ in., 25 cents.

Add for transoms not more than 2 ft. high, 45 cents.

BM 237—Outside door frame for brick building. Opening 3x7 ft. or smaller. 2x8 jambs, select common white pine, staff moulding 8441. Price in the knockdown **$1.55**

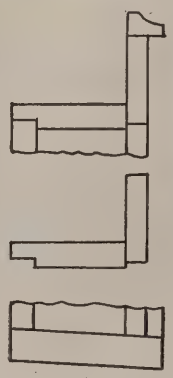
BM 238—Inside door jambs for 2x4 studding for opening 3x7 ft. or smaller.

White Pine	**$0.65**
Yellow Pine	**.60**
For jambs with transom heads add	**.25**
Oak	**1.20**

Quality always guaranteed.

View of Jamb

Section of Crown Mld. Cap



Section of Door Frame No. 4143

IRON SASH WEIGHTS

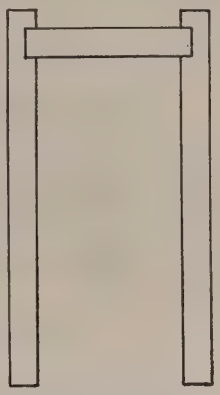
BM 146—Round Sash weights, made of cast iron. Per lb..... **$0.02**

Sash Weights are sold as marked and not by actual weight, which is slightly less than marked weights. Prices subject to change without notice. Will always bill at very lowest market rates.

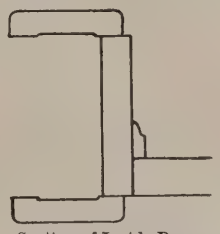
Inside Door Jambs

For Frame Buildings

BM 238



Section of Inside Door Jamb Showing Dadoed Head



Section of Inside Door Jamb Showing Casing

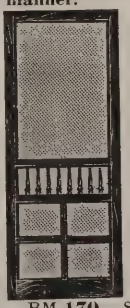
BM 238—Inside jambs for 2x4 studding for opening 3x7 ft. or smaller.

White Pine	**$0.65**
Yellow Pine	**.60**
For jambs with transom heads add	**.25**
Oak	**1.20**

Quality always guaranteed.

Screen Doors

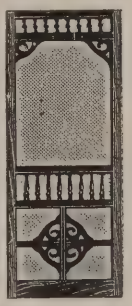
Our screen doors are all made of thoroughly seasoned stock, full 1⅛ in. thick, and should not be classed with the many light weight, flimsy doors on the market. Fitted with very best grade of wire cloth, and carefully finished in a workmanlike manner.



BM 169—Screen door, made from clear pine, mortised and tenoned joints. Fitted with best grade painted wire cloth. Door is full 1 ⅛ in. thick, solid and substantial, and finished and varnished in the natural wood.

A neat and durable door. Approximate weight, 20 lbs.

Size.	Each.
2 ft. 6 in. x 6 ft. 6 in.	**$1.10**
2 ft. 8 in. x 6 ft. 8 in.	**1.14**
2 ft. 10 in. x 6 ft. 10 in.	**1.16**
2 ft. 8 in. x 7 ft.	**1.15**
2 ft. 10 in. x 7 ft.	**1.18**
3 ft x 7 ft.	**1.20**



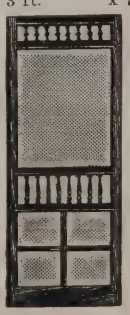
BM **170**—Screen door, made from clear pine, mortised and tenoned joints. Best quality painted wire cloth. Door is full 1 ⅛ in. thick, strong and well made, finished and varnished in the natural wood color. A handsome door with spindle and scroll ornamentation as illustrated. Approximate weight, 20 lbs. each.

Size.	Each.
2 ft. 6 in. x 6 ft. 6 in.	**$1.30**
2 ft. 8 in. x 6 ft. 8 in.	**1.33**
2 ft. 10 in. x 6 ft. 10 in.	**1.35**
2 ft. 8 in. x 7 ft.	**1.35**
2 ft. 10 in. x 7 ft.	**1.38**
3 ft. x 7 ft.	**1.40**

With Galvanized Wire Cloth.

BM **171**—The same door as above, but is covered with standard galvanized, or aluminum finish wire cloth, which resists rust, making a very durable door.

Size.	Each.
2 ft. 6 in. x 6 ft. 6 in.	**$1.55**
2 ft. 8 in. x 6 ft. 8 in.	**1.58**
2 ft. 10 in. x 6 ft. 10 in.	**1.60**
2 ft. 8 in. x 7 ft.	**1.60**
2 ft. 10 in. x 7 ft.	**1.62**
3 ft. x 7 ft.	**1.65**



Hardwood Screen Door.

BM 176—Screen door made of **oak**, mortised and tenoned joints.

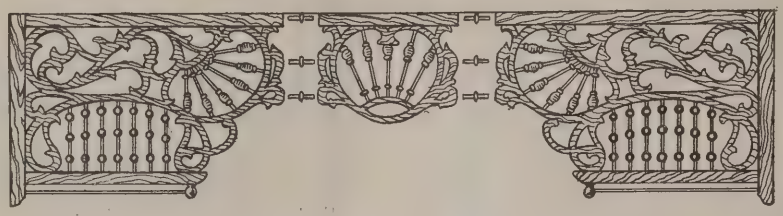
Best quality painted wire cloth. Door is full 1 ⅛ in. thick, strong and well made, finished and varnished in natural oak. A good substantial door, rich and handsome in appearance. Approximate weight, 20 lbs. each.

Size.	Each.
2 ft. 6 in. x 6 ft. 6 in.	**$1.65**
2 ft. 8 in. x 6 ft. 8 in.	**1.70**
2 ft. 10 in. x 6 ft. 10 in.	**1.75**
2 ft. 8 in. x 7 ft.	**1.70**
2 ft. 10 in. x 7 ft.	**1.75**
3 ft. x 7 ft.	**1.80**

All Door and Window Frames shipped from our factory in Wisconsin, from which point customers pays freight. We will, however, quote delivered prices on large orders upon application.

GRILLES OR FRET WORK

Note that our Grilles come in oak, birch, pine or cypress. Kindly specify which wood will best suit your purposes. Unless otherwise directed we ship in oak, which is the wood we recommend as the best for general us



This illustration shows construction of our patent adjustable grilles, which are made in three separate sections and connected by balls and dowels.

You can hang drapery of any fabric or color from our Grilles if you desire to, and in some cases this is a very effective way of improving a room. However, as a rule they are used without drapery, and are complete in themselves without it.

Anyone who can handle a hammer or screw driver can set these grilles up in place as there are no shavings to be taken off or fitting to be done, simply set up the two side sections and then the center and adjust ball and dowel on each side of center section. These patent grilles will not break or crack in the scroll work. No matter which way the opening may give after the grille is set up; the grille will also give and will not break or crack scrolls owing to the adjustment of balls and dowels on each side of center section. This is a point one should consider when purchasing grilles.

We aim to carry a stock of all adjustable grilles in oak and can usually make prompt shipment. Can also furnish any of our grilles in pine birch or cypress at the same price.

Stationary grilles are made in oak, pine, birch or cypress and are made to order, which generally requires from ten to twenty days' time before shipment can be made.

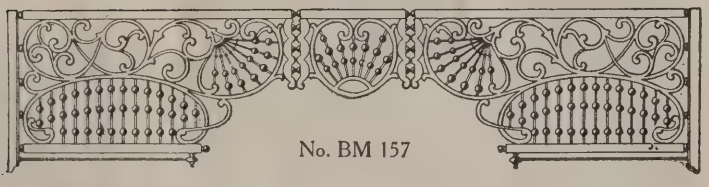
Prices given are per lineal foot, and fractions under one-half foot will be figured one-half foot, for instance, a grille measuring 6 ft. 3 in. will be charged as 6 ft. 6 in.

Please Note:—Prices given are per lineal foot in any of the native woods, oak, pine, birch or cypress, finished and varnished natural. We ship in oak unless otherwise ordered. We suggest oak, as oak is the best wood for grilles and when finished matches well with yellow pine, cypress or birch.

Be sure and send accurate measurements, and for arch grilles give width and height of opening.

Adjustable Grilles

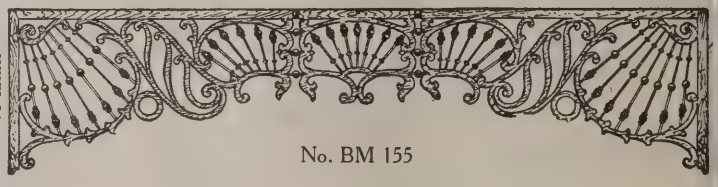
16 Inches



No. BM 157

Price per lineal foot - - - $0.86

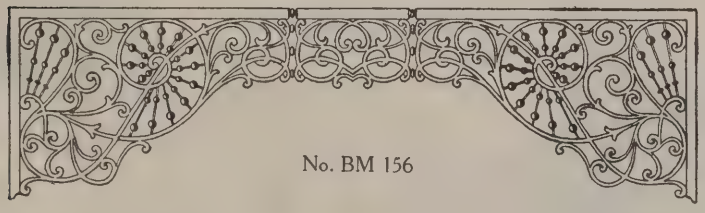
16 Inches



No. BM 155

Price per lineal foot - - - $0.86

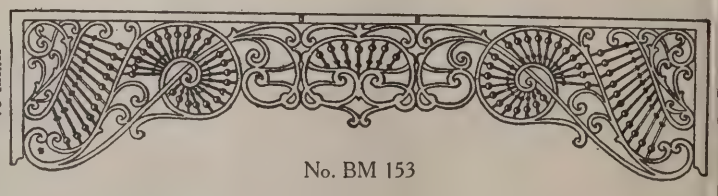
20 Inches



No. BM 156

Price per lineal foot - - - $1.12

16 Inches



No. BM 153

Price per lineal foot - - - $1.05

14 Inches

No. BM 151

Price per lineal foot - - - $0.63

18 Inches

No. BM 158

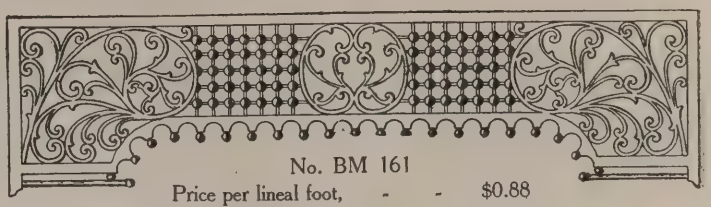
Price per lineal foot - - - $0.70

Prices of BM 151 and BM 158 do not include drapery.

Stationary Grilles

No. BM 160

Price per lineal foot, - - - - $0.49



No. BM 161

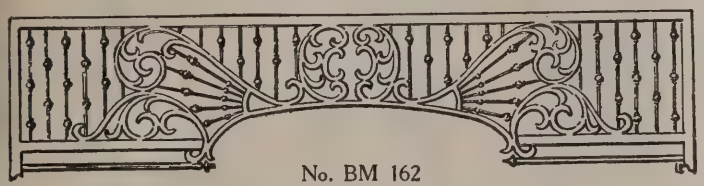
Price per lineal foot, - - $0.88

No. BM 9225

Price per lineal foot, - - - - $0.56

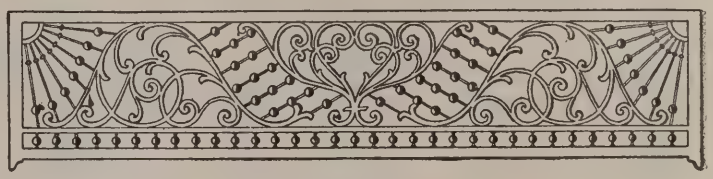
No. BM 9404

Price per lineal foot, - - $1.06



No. BM 162

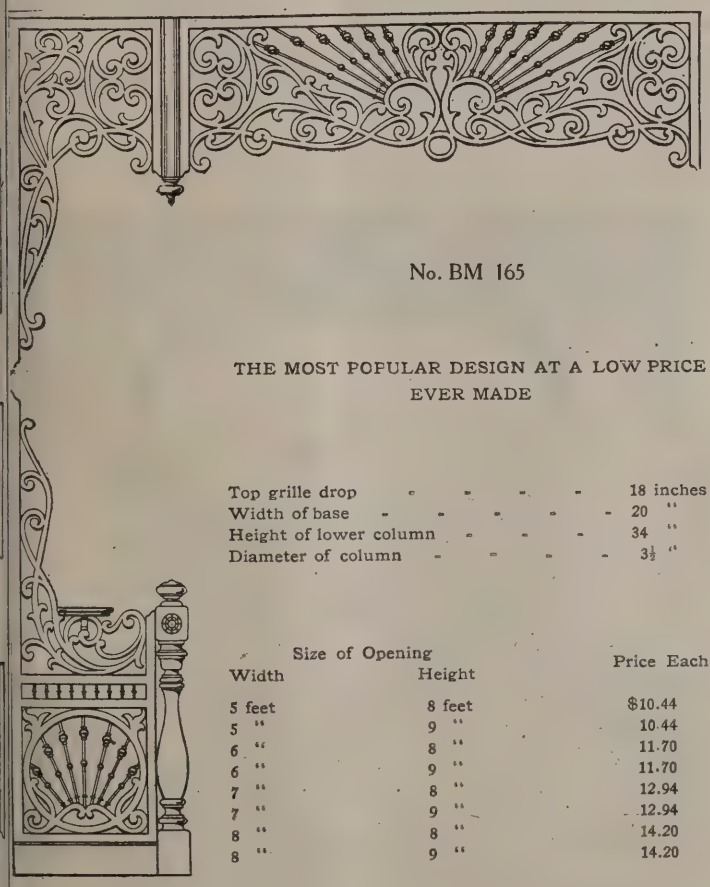
Price per lineal foot, - - - - $0.63



No. BM 9080

Price per lineal foot, - - - - $0.94

Arch Grilles

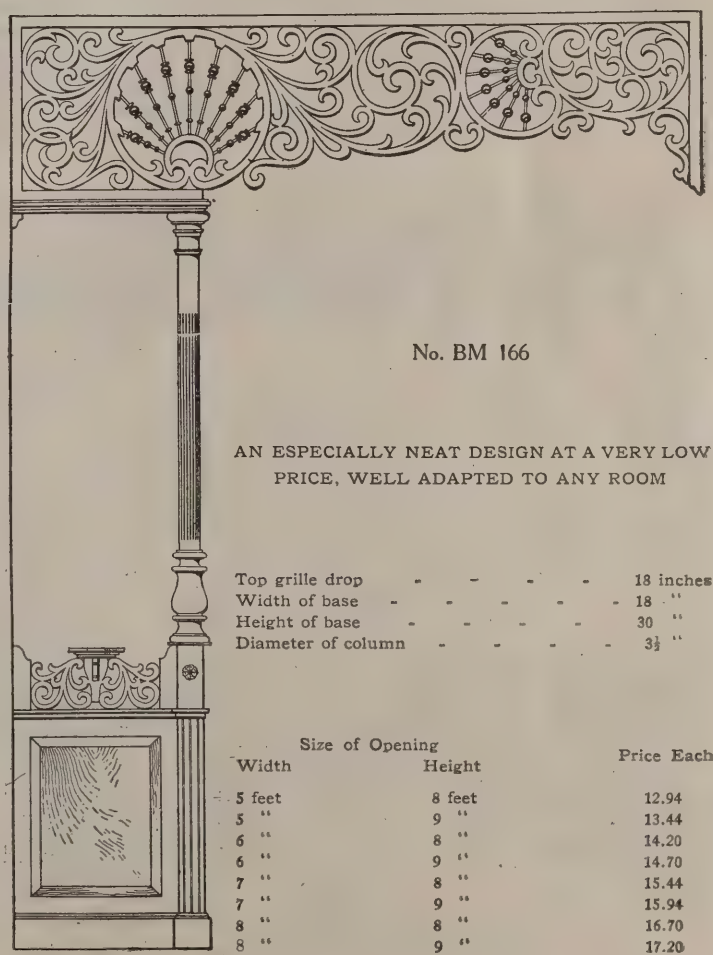


No. BM 165

THE MOST POPULAR DESIGN AT A LOW PRICE EVER MADE

Top grille drop	18 inches
Width of base	20 "
Height of lower column	34 "
Diameter of column	3½ "

Size of Opening Width	Height	Price Each
5 feet	8 feet	$10.44
5 "	9 "	10.44
6 "	8 "	11.70
6 "	9 "	11.70
7 "	8 "	12.94
7 "	9 "	12.94
8 "	8 "	14.20
8 "	9 "	14.20



No. BM 166

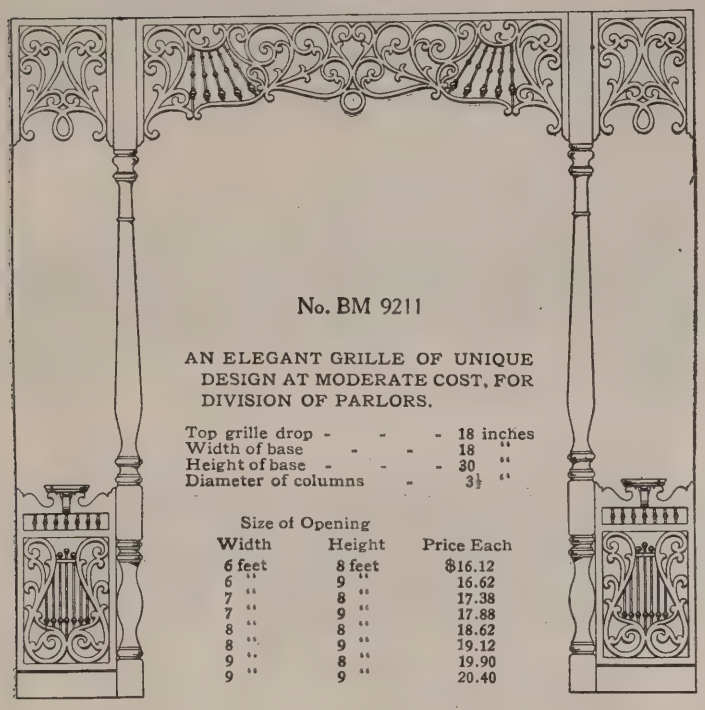
AN ESPECIALLY NEAT DESIGN AT A VERY LOW PRICE, WELL ADAPTED TO ANY ROOM

Top grille drop	18 inches
Width of base	18 "
Height of base	30 "
Diameter of column	3½ "

Size of Opening Width	Height	Price Each
5 feet	8 feet	12.94
5 "	9 "	13.44
6 "	8 "	14.20
6 "	9 "	14.70
7 "	8 "	15.44
7 "	9 "	15.94
8 "	8 "	16.70
8 "	9 "	17.20

The designs shown on this page are made to order only, so we will require about two weeks to make delivery after your order is received.

Arch Grilles

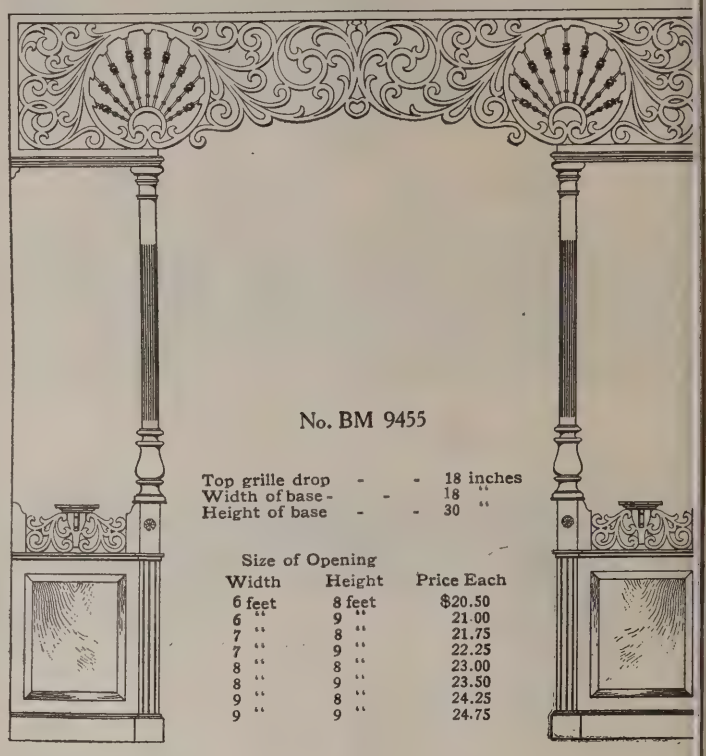


No. BM 9211

AN ELEGANT GRILLE OF UNIQUE DESIGN AT MODERATE COST, FOR DIVISION OF PARLORS.

Top grille drop - - - 18 inches
Width of base - - 18 "
Height of base - - - 30 "
Diameter of columns - 3½ "

Size of Opening Width	Height	Price Each
6 feet	8 feet	$16.12
6 "	9 "	16.62
7 "	8 "	17.38
7 "	9 "	17.88
8 "	8 "	18.62
8 "	9 "	19.12
9 "	8 "	19.90
9 "	9 "	20.40



No. BM 9455

Top grille drop - - 18 inches
Width of base - - 18 "
Height of base - - 30 "

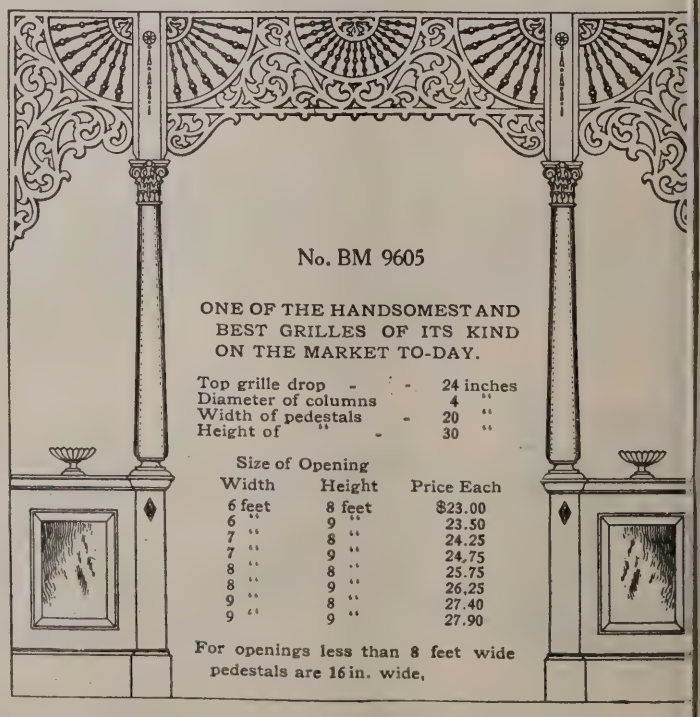
Size of Opening Width	Height	Price Each
6 feet	8 feet	$20.50
6 "	9 "	21.00
7 "	8 "	21.75
7 "	9 "	22.25
8 "	8 "	23.00
8 "	9 "	23.50
9 "	8 "	24.25
9 "	9 "	24.75

There's a place in many a home where one of our artistic Grilles will add much more in beauty and attractiveness than is represented b the moderate cost. To form an alcove across one end of a long room, for a library or for the piano room, or for a den, is a very satisfactory wa of using this beautiful ornamental work. It's cost is but little more than one substantial article of furniture or a fine painting, and it serves to furni and decorate an entire home much more effectively than does any other article you can put into it. City homes have them, and we make possible for our friends in suburban and country homes to enjoy the same permanent benefits, at even less prices than the city dweller can secu them for. After you once have one of our beautiful Grilles erected in your room you would not have it removed for twice it cost. Remembe our prices are lowest, and our attractive designs the very newest and latest.

No. BM 9212

Top grille drop - - 18 inches
Width of base - - 20 inches

Size of Opening Width	Height	Price Each
6 feet	8 feet	$18.00
6 "	9 "	18.00
7 "	8 "	19.25
7 "	9 "	19.25
8 "	8 "	20.50
8 "	9 "	20.50
9 "	8 "	21.75
9 "	9 "	21.75



No. BM 9605

ONE OF THE HANDSOMEST AND BEST GRILLES OF ITS KIND ON THE MARKET TO-DAY.

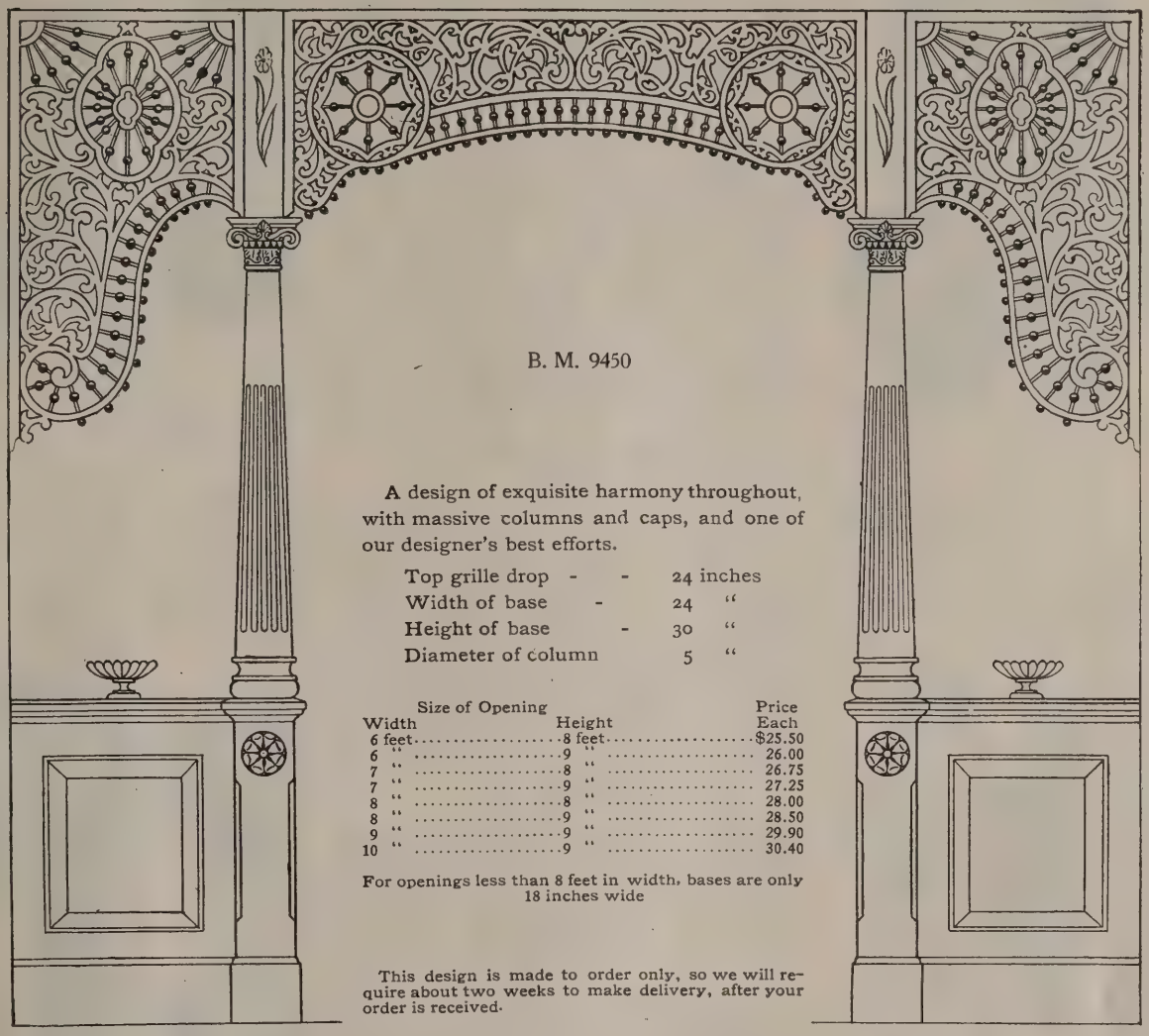
Top grille drop - - 24 inches
Diameter of columns 4 "
Width of pedestals - 20 "
Height of " - 30 "

Size of Opening Width	Height	Price Each
6 feet	8 feet	$23.00
6 "	9 "	23.50
7 "	8 "	24.25
7 "	9 "	24.75
8 "	8 "	25.75
8 "	9 "	26.25
9 "	8 "	27.40
9 "	9 "	27.90

For openings less than 8 feet wide pedestals are 16 in. wide.

The designs shown on this page are made to order only, so we will require about two weeks to make delivery, after your order is received.

Arch Grilles



B. M. 9450

A design of exquisite harmony throughout, with massive columns and caps, and one of our designer's best efforts.

Top grille drop - -	24 inches
Width of base -	24 "
Height of base -	30 "
Diameter of column	5 "

Size of Opening Width	Height	Price Each
6 feet	8 feet	$25.50
6 "	9 "	26.00
7 "	8 "	26.75
7 "	9 "	27.25
8 "	8 "	28.00
8 "	9 "	28.50
9 "	9 "	29.90
10 "	9 "	30.40

For openings less than 8 feet in width, bases are only 18 inches wide

This design is made to order only, so we will require about two weeks to make delivery, after your order is received.

Builders' Hardware

The hardware used in the construction of a house as compared to the entire cost of the building is a relatively small item, and it is therefore, as a rule, poor economy to use any of the very cheap locks or trimmings.

There are some contractors who are inclined to give the subject of quality and workmanship but little consideration, because of the fact that after a lock is once placed in the door, it is mostly hidden from view and difficult of inspection.

This is, however, a great mistake, as a poor lock offers but little security, frequently gets out of order, and is usually not worth repairing.

We make it a point to supply **high grade goods at low cost.** Our locks are substantially made with good springs and strong bolts.

The knobs, escutcheons, and all trimmings are finely finished, and at our low, attractive prices, it should not be considered a saving to use anything except a good quality of hardware.

In order to simplify as much as possible the ordering of Builders' Hardware, we give here a concise description of the various finishes which we carry in stock.

These we designate by letters, such as A, B, C, D, etc., which arrangement we trust will be of assistance to those not entirely familiar with this class of goods, and enable any one to make an intelligent selection.

For instance, if you desire the "C" finish hardware for your building, you will order the front door locks, inside lock sets, sash locks, etc., all "C" finish, as noted in our catalogue against each item. This will result in your having all the hardware trimmings of one harmonious finish and add greatly to the interior appearance of the house.

We have no particular suggestion to offer regarding the most suitable finishes, as this is a matter of personal choice and depends also on the style and purpose of the building.

The solid bronze goods, naturally, are the most durable and present the richest appearance, but much of our iron and stamped steel hardware is also made in very ornamental designs and in handsome finishes which very closely resemble the genuine bronze hardware.

Description of Finishes.

Solid Bronze Metal Hardware.

A Finish—Natural color, highly polished surface.

B Finish—Natural color, with black background and polished raised surface.

C Finish—Antique copper, dark color, polished and relieved.

D Finish—Antique copper, dull sand surface, relieved.

Iron and Stamped Steel Hardware.

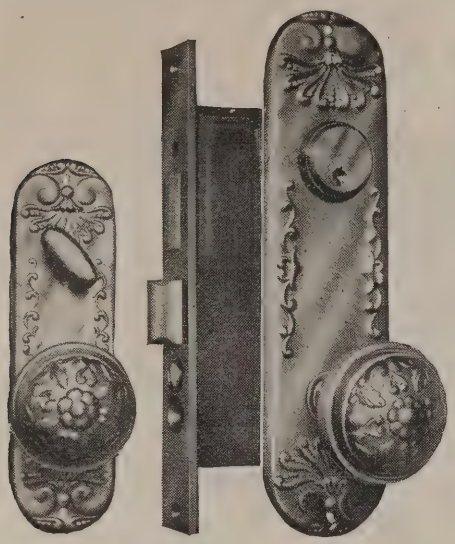
G Finish—German-bronzed, brown color, not polished.

H Finish—Bronze-plated, with black background, polished raised surfaces to imitate real bronze.

L Finish—Bronze-plated to imitate dark antique copper, polished and relieved.

M Finish—Bronze-plated, with dull sand surface to imitate antique copper, not polished.

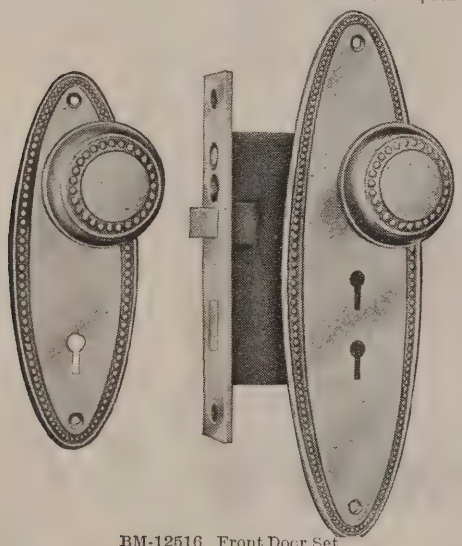
(See quotations on next page.)



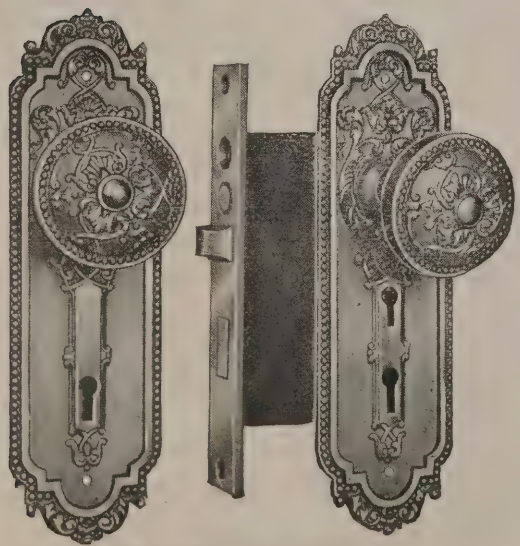
BM-12525 Cylinder Front Door Set

Front Door Set.
(C Finish)

BM 12502—Lock Set. Antique copper finish, polished and relieved. German **cast bronze** trimmings. Set comprises one mortise front door lock, size 4 ¾ x3 ½ in., flat front; heavy bronze front, bolts and strike; one lock key, two night keys, easy spring; one pair bronze knobs, 2 ¼ in., with swivel spindle; one outside escutcheon, size 2 ½ x 8 ½ in., one inside escutcheon, size 2 ½ x8 ½ in. Reversible for right or left hand doors. Packed complete with screws. Weight, 3 lbs.
Per set **$3.20**



BM-12516 Front Door Set



BM-12502 Front Door Set

Cylinder Front Door Set
(C Finish)

BM 12500—Lock Set. Antique copper finish, polished and relieved. Genuine **cast bronze** trimmings. Set comprises one mortise cylinder front door lock, size 5 ½ x4 in., heavy bronze flat front, bolts and strike, easy spring; one bronze cylinder with three gold-plated keys, one pair bronzed knobs, 2 ½ x2 ¼ in., with swivel spindles; one outside escutcheon, size 2 ¾ 10 in., one inside escutcheon, size 2 ¼ x7 ½ in. Reversible for right or left and complete with screws.
Set **$8.28**

Cylinder Front Door Set.
(D Finish)

BM 12525—Lock Set. Antique copper sand finish. Genuine wrought bronze trimmings, set comprises one mortise cylinder front door lock, size, 6 ¾ x4; flat front, heavy bronze bolts, front and strike; easy spring keyhole above knob; bronze knob for ⅜ swivel spindle; 1 bronze 5-pin tumbler cylinder with 3 German silver keys; wrought bronze trimmings; 1 pair knobs, 2 ½ x2 ¼, with ⅜ swivel spindle; 1 outside escutcheon, size 9 ⅞ x2 ¾; 1 inside escutcheon, with turn knob combined, size 7x2; operate latch bolt by knobs on both sides; both bolts by single key on outside; lock bolt by turn knob on inside. The outside knob can be set by stop on face of lock.

When ordering always state if for right or left hand door, as lock is not reversible. Per set complete, lock, knobs, and escutcheons, with screws.
Weight, 6 ¼ lbs.....**$5.75**

Cylinder Front Door Set.
(D Finish)

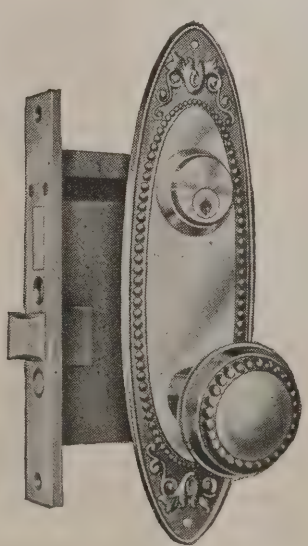
BM 12532—Lock Set. Antique copper sand finish. Genuine wrought bronze trimmings. This set comprises 1 mortise cylinder front door lock, size 6 ¾ x4; flat front, heavy bronze, bolts, front and strike, easy spring keyhole above knob, bronze hub for ⅜ swivel spindle, 1 bronze five-pin tumbler cylinder with 3 German silver keys, wrought bronze trimings, one pair knobs 2 ½ x2 ¼ with ⅜ swivel spindle; 1 outside escutcheon, size 9 ¾ x2 ¾; 1 inside escutcheon with turned knob combined, size 5 ¾ x1 ⅞. Operate latch bolt by knobs on both sides; both bolts by single key on outside. Lock bolt by turn knob on inside. The outside knob can be set by stop on face of lock. When ordering, always state if for right or left hand door, as lock is not reversible. Per set complete, lock, knobs and escutcheons, with screws. Weight, 6 ¼ lbs. **$5.63**

Front Door Set.
(C Finish)

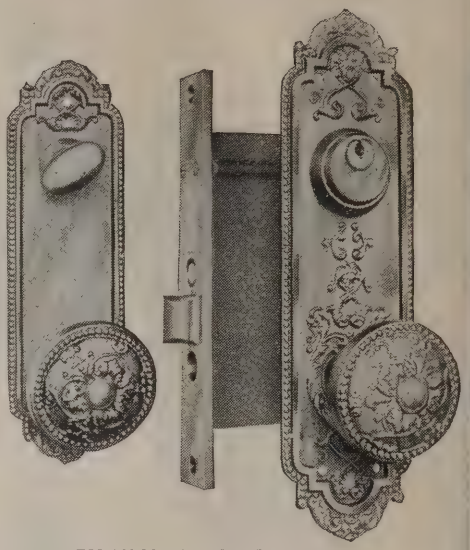
BM 12516—Lock Set. Antique copper finish, polished and relieved. Genuine wrought bronze trimmings. Set comprises 1 mortise front door lock, 4 ¾ x3 ½ in., flat front; heavy bronze front, bolts and strike; 1 lock key, 2 night keys; easy spring; one pair bronze knobs, 2 ¼ in., with swivel spindle; 1 outside escutcheon, 2 ⅞ x10 in.; 1 inside escutcheon, 1x2 ¼. Reversible for right or left hand doors. Packed complete with screws. Weight, 3 lbs. Per set.....**$2.20**

Cylinder Front Door Set.
(C Finish)

BM 12555—Lock Set, Antique copper finish, polished and relieved. Genuine wrought bronze trimmings. Set comprises 1 mortise cylinder front door lock, size 5 ½ x4 in., flat front, heavy bronze front, bolts and strike, easy spring, 1 bronze cylinder with 3 gold-plated keys, 1 pair bronze knobs, 2 ½ x2 ¼ in., with swivel spindle, 1 outside escutcheon, size 2 ⅞ x10 in., 1 inside escutcheon, size 1x2 3-16 in. Reversible for right or left hand doors. Packed complete with screws. Weight 6 ½ lbs. Per set **$7.25**



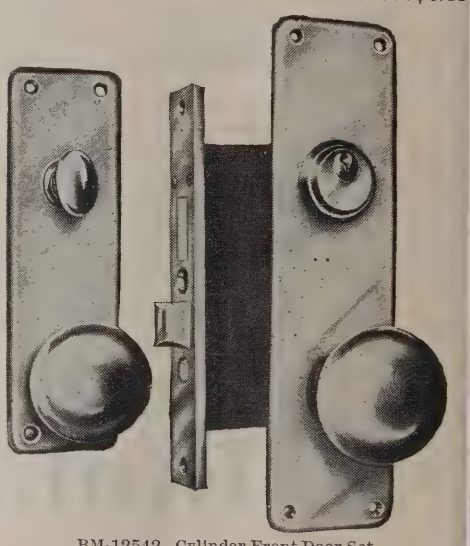
BM-12555 Cylinder Front Door Set



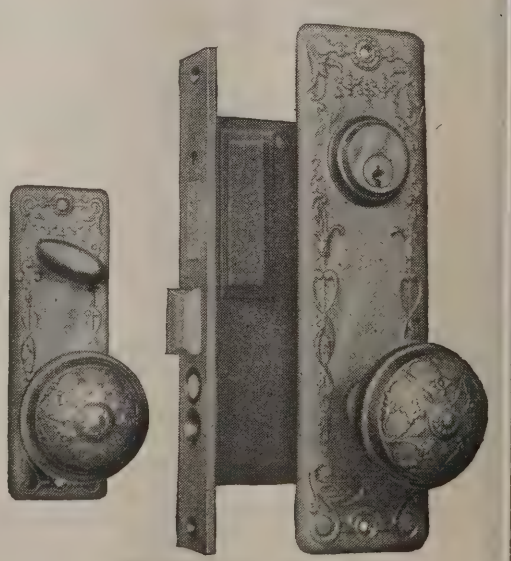
BM-12500 Cylinder Front Door Set

Cylinder Front Door Set.
(C Finish)

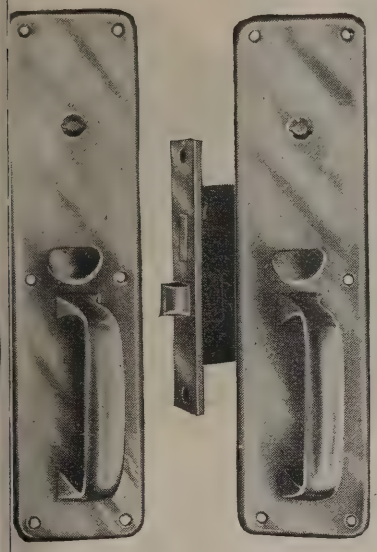
BM 12542—Lock Set Antique copper finish, polished and relieved. Genuine **wrought bronze** trimmings. Set comprises one mortise cylinder front door lock, 5 ½ x4 in., heavy bronze flat front, bolts and strike, easy spring, one bronze cylinder with three gold-plated keys, one pair bronze knobs, 2 ½ x2 ¼ in., swivel spindle, one outside escutcheon 2 ¾ x10 in., one inside escutcheon, 2 ¼ x7 ½. Reversible for right or left hand doors. Packed complete, with screws; weight, 6 ¼ lbs.
Per set **$6.45**



BM-12542 Cylinder Front Door Set



BM-12532 Cylinder Front Door Set



BM-12679 Store Door Lock

Cylinder Front Door Set.

(C Finish)

BM 12562—Lock Set. Antique copper finish, polished and relieved. Genuine wrought bronze trimmings. Set comprises one mortise cylinder front door lock, size, 5 ½ x4 in., flat front, heavy bronze front, bolts and strike; easy spring; one bronze cylinder with three gold-plated keys; one pair bronze knobs, 2 ½ x2 ¼ in., with swivel spindle; one outside escutcheon, size, 3x10 ½ in.; one inside escutcheon, size, 1 ¼ x2 ⅛ in. Reversible for right or left hand doors. Packed complete with screws. Weight, 6 ¼ lbs. Per set **$7.25**

Front Door Set.

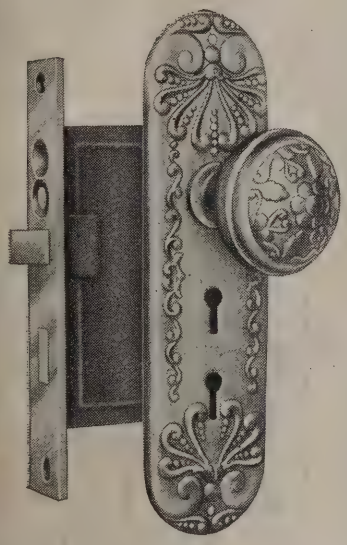
(C Finish)

BM 12563—Lock set, antique copper finish, polished and relieved. Genuine wrought brass trimmings. Set comprises one mortise front door lock, size, 4 ¾ x3 ½ in., flat front, heavy bronze front, bolts and strike; one lock key, two night keys, easy spring; one pair bronze knobs 2 ¼ in., with swivel spindle; one outside escutcheon, size, 2 ⅝ x8 ½ in.; one inside rose and escutcheon. Reversible for right or left hand doors. Packed complete with screws. Weight, 3 lbs. Per set. **$2.10**

Front Door. Set.

(D Finish)

BM 12533—Lock Set, antique copper sand finish. Genuine wrought bronze trimmings; set comprises 1 mortise front door lock, size 4 ¾ x3 ½; heavy bronze front, bronze bolts and strike, 1 tumbler, 1 lock key and 2 night keys, wrought bronze trimmings, 1 pair knobs, 2 ¼ x2 ¼, 5-16 swivel spindle with 1 rose; 1 outside escutcheon, size 9 ¾ x2 ¾; 1 plate escutcheon on inside. Operate latch bolt by knobs from both sides, or by night key from outside when stop is set. Lock bolt by key from both sides. Reversible by taking off cap. Suitable for either right or left hand doors. Complete lock, knobs and escutcheons, with screws, Weight, 3 lbs. **$2.00**



BM-12526 Front Door Set

Front Door Set.

(D Finish)

BM 12526—Lock Set, Antique copper sand finish. Genuine wrought bronze trimmings, set comprises mortise front door lock, size 4 ¾ x3 ½; heavy bronze front; bronze bolts and strike; 1 tumbler; 1 lock key and two night keys; wrought bronze trimmings; 1 pair knobs, 2 ¼ x2 ¼, 5-16 swivel spindle with one rose; 1 outside rose and escutcheon combined, size 8 ½ x 2 ⅝; 1 key plate escutcheon on inside; operate hatch bolt by knobs from both sides or by night key from outside when stop is set; lock bolt by key from both sides. Reversible by taking off cap. Complete with lock, knobs and escutcheons with screws. Weight, 3 lbs. Each **$1.90**

Front Door Set.

(C Finish)

BM 12570—Lock Set, Antique copper finish, polished. Genuine wrought bronze trimings. This set comprises 1 mortise front door, size, 4 ¾ x3 ½; heavy bronze front, bronze bolts and strike, 1 tumbler, 1 lock key and 2 night keys; 1 pair knobs, 2 ¼ x2 ¼, 5-16 swivel spindle with 1 rose, 1 outside rose and escutcheon combined for outside, size, 8 ½ x2 ⅜, 1 key plate escutcheon on inside. Operate latch bolt by knobs from both sides or by night key from outside when stop is set. Lock bolt by key from both sides. Reversible by taking off cap. For right or left hand doors. Weight, 3 lbs. Complete, lock, knobs and escutcheon **$1.98**

Front Door Set.

(C Finish)

BM 12556—Lock Set, Antique copper finish, polished and relieved. Genuine wrought bronze trimmings. Set comprises 1 mortise front door lock, size 4 ¾ x3 ½ in., flat front, heavy bronze front, bolts and strike, 1 lock key, 2 night keys, easy spring, 1 pair bronze knobs, 2 ¼ in. with swivel spindle, 1 outside escutcheon, size, 2 ⅞ x10 in., 1 inside rose and escutcheon. Reversible for right or left hand doors. Packed complete with screws. Weight, 3 lbs. Per set. **$2.35**

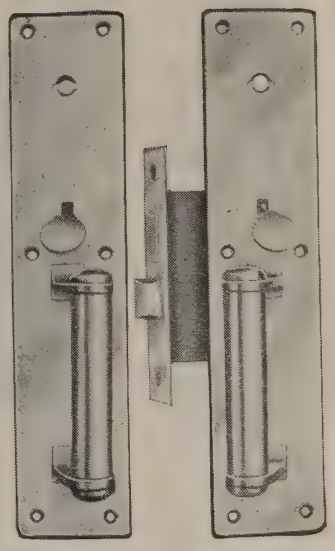
Store Door Lock.

BM **12672**—A Finish. Store Door Handle and Lock. Genuine bronze trimmings, natural color, highly polished. Set comprises one mortise store door lock, 4 ¼ x3, flat front, bronze bolts, two nickel-plated steel keys; two handles and plates, one for each side of the door; size of plate, 2 ½ x13 in.; easy spring, reversible for right or left hand doors. Packed complete with screws. Weight, 5 lbs. Per set. **$3.25**

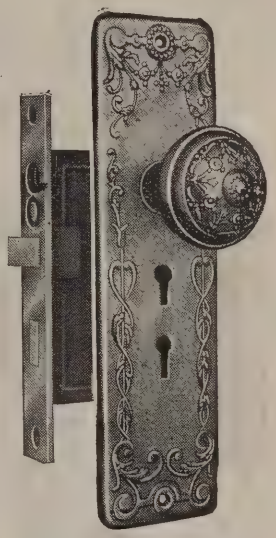
BM 12673—C Finish. Store door handle and lock, same size and style as above, but antique copper finish, polished and relieved. Genuine bronze trimmings. Per set. **$4.15**

Store Door Lock.

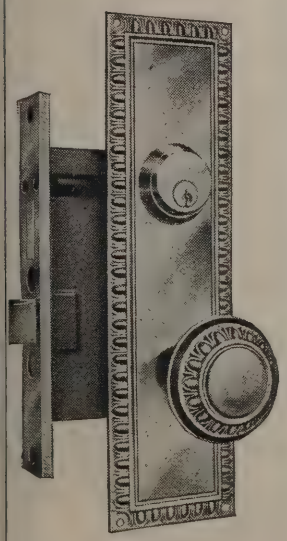
BM 12679—(L Finish.) Store Door Handle and Lock. Wrought-steel trimmings, antique copper finish, polished and relieved. Set comprises one mortise store door lock, 4 ¼ x3 in. flat front; bronze bolts, easy spring, two flat steel keys, two handles and plates, one for each side of the the door, size ofplates, 3x12 in. Reversible for right or left hand doors. Packed complete with screws. Weight, 4 ½ lbs. Per set. **$2.00**



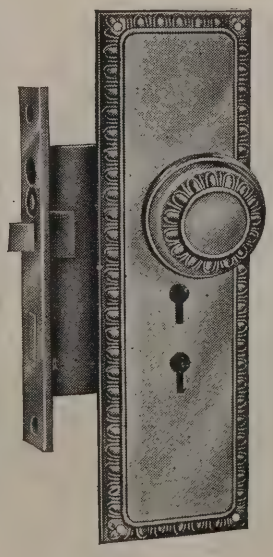
BM-12672 Store Door Lock



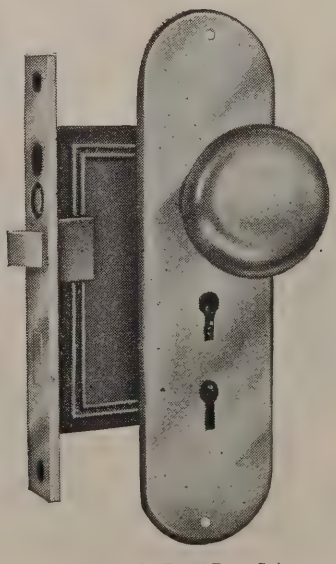
BM-12533 Front Door Set



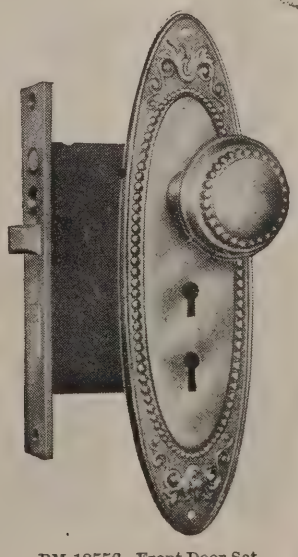
BM-12562 Cylinder Front Door Set



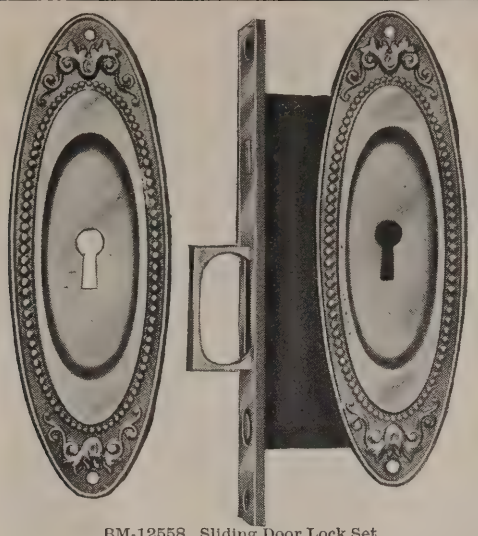
BM-12563 Front Door Set



BM-12570 Front Door Set



BM-12556 Front Door Set



BM-12558 Sliding Door Lock Set

Lock Set for Inside Doors.
(D Finish)

BM 12534—Set for inside doors, antique copper sand finish. Genuine wrought bronze trimmings; set compr.ses 1 mortise lock, 3 ½ x3 ¼, steel front and strike, iron bolts, nickeled rolled steel key, 1 pair knobs, 2 ¼ x2 ¼; 2 escutcheons, 5 ¾ x1 ⅞. Weight, 2 lbs. Per set.....**$ 1.00**
Per doz. sets 11.60

BM 12535—Lock Set for inside doors (M Finish). Same design as above, but trimmings are of wrought-steel antique copper sand finish. A very handsome set, and closely resembles the genuine bronze sets in appearance. Complete with screws. Weight, 2 lbs. Per set.....**$0.55**
Per doz. sets..... 6.00

Store Door Lock.
(A Finish)

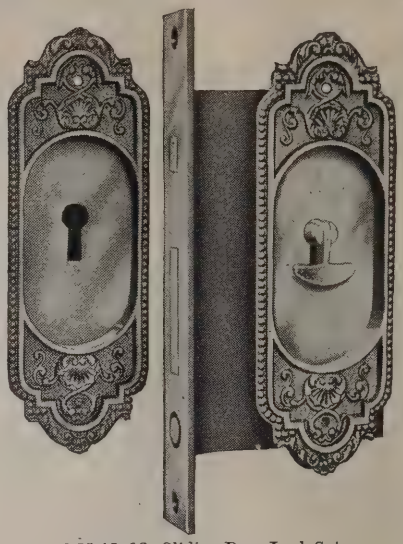
BM 12670—Cylinder Store Lock and Handle, solid bronze finish highly polished. This set comprises 1 mortise cylinder store door lock, size, 5 ¼ x3 ⅝ in., flat front, bronze bolts, plain bronze front and strike, 2 bronze 5-pin tumble cylinders, 4 German silver keys, 2 oblique bar handles and plates, plates size, 12 ¾ x2 ⅜. Lock is reversible by taking off cap, for either right or left hand doors. A solid and handsome set. Packed, complete with screws. Weight, 7 lbs. Per set..**$7.68**

BM 12671—C. Finish. Store Door Handle and Lock. Same size and style as above set, but antique copper finish, polished and relieved. Genuine bronze plate and handles. Per set.....**$8.00**

Sliding Door Lock Sets.
(C Finish)

BM 12558—For single doors, flat front, antique copper finish, polished and relieved. Set comprises one mortise sliding door lock, size, 5 ¼ x3 ¼ inches, flat bronze front, strike bolt and pull with key for doors 1 ¼ to 2 ¾ inches thick; two flush cup escutcheons, 2 ⅜ x7 inches. Packed with screws. Weight, 2 lbs. Per set complete for single door **$1.70**

BM 12559—For double doors, flat front, antique copper finish, polished and relieved, same size and style as set above, but has four flush cup escutcheons. Weight, 3 lbs. Per set complete for double door **$2.75**

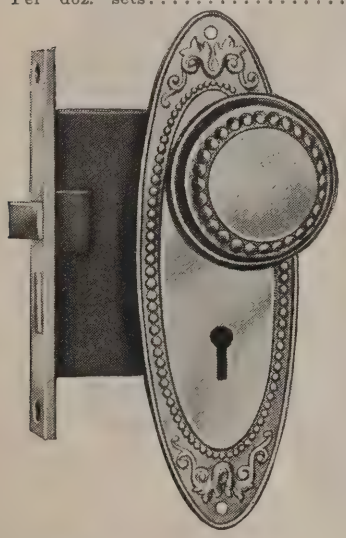


BM-12506 Sliding Door Lock Set

Sliding Door Lock Sets.
(C Finish)

BM 12506—For single doors. Flat front, antiqu copper finish, polished and relieved. Set comprise one mortise sliding door lock, size, 5 ¼ x3 ¼ in flat, bronze front, strike, bolt, and pull, with key For doors 1 ¼ to 2 ¾ in. thick; two flush cu escutcheons, size, 2 ¼ x6 ½ in. Packed complet with screws. Weight, 2 ½ lb. Per set complete fo single doors.....**$2.2**

BM 12508—For double doors (C Finish), fla front, antique copper finish, polished and relieved Same size and style as set above, but has fou flush cup escutcheons. Weight, 3 ½ lbs. Per se complete for double doors.....**$3.7**



BM-12557 Lock Set for Inside Door

Store Door Lock.
(L Finish)

BM **12668**—Cylinder store door handle and lock, ornamental design, antique copper finish, polished and relieved. Set comprises one mortise store door lock, 5 ¼ x3 ⅝, bronze bolts, flat front; one bronze cylinder with 3 gold-plated keys; two handles and plates, one for each side of the door, size of plates, 2 ¾ x16 in.; easy spring. Reversible for right or left hand doors. Packed complete with screws, weight 8 lbs. Per set.....**$4.38**

Lock Set for Inside Doors.
(C Finish)

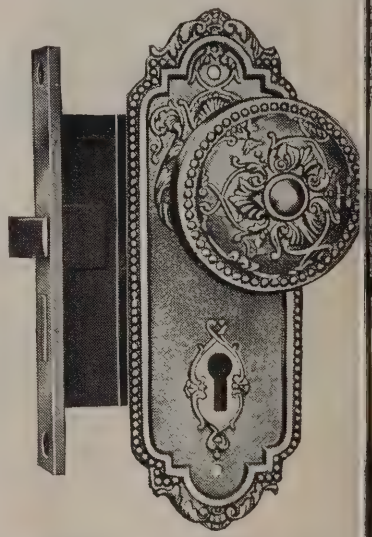
BM 12504—Set for inside doors. Antique copper finish, polished and relieved. Genuine cast bronze trimmings. Set comprises one mortise lock, 3 ½ x3 ¼ in.; brass front and bolts, steel key, one pair brass knobs, 2 ¼ in.; two long escutcheons, size 2 ¼ x6 ½ in. Reversible for right or left hand doors. Packed complete with screws. Weight, 2 ½ lbs.
Per set.....**$1.74**
Per doz. sets.....17.98

Lock Set for Inside Doors.
(C Finish)

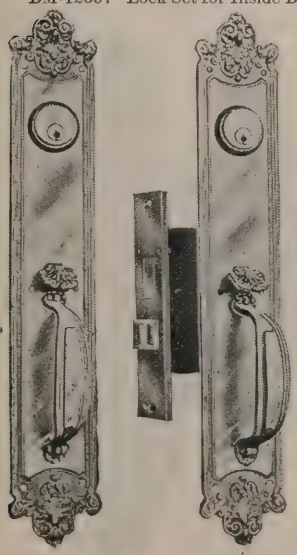
BM 12557—Set for inside doors, antique copper finish, polished and relieved. Genuine wrought bronze trimings. Set comprises one mortise lock, 3 ½ x4 ¼ inches, brass front and bolts, steel key, one pair bronze knobs, 2 ¼ inches, two long escutcheons, 2 ⅜ x7 inches. Reversible for right or left hand doors. Packed complete with screws. Weight, 2 lbs.
Per set.....**$1.15**
Per dozen sets.....12.60

Lock Set for Inside Doors.
(C Finish)

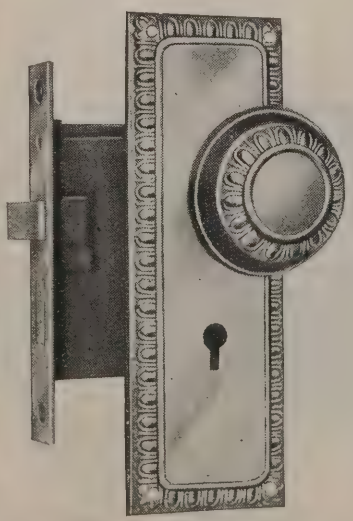
BM 12564—Set for inside door, antique copper finish, polished and relieved. Genuine wrought bronze trimmings. Set comprises 1 mortise lock 3 ½ x3 ¼ in., brass front and bolts, steel key, 1 pair bronze knobs 2 ¼ in., 2 long escutcheons 2 ¼ x6 ½ in. Reversible for right or left hand doors. Packed complete with screws. Weight, 2 lbs.
Per set.....**$1.10**
Per doz. sets.....12.60



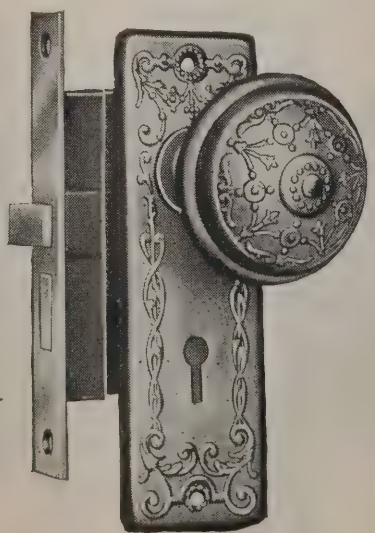
BM-12504 Lock Set for Inside Door



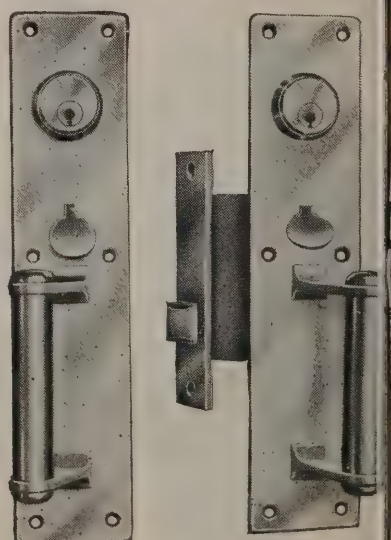
BM-12668 Store Door Lock



BM-12564 Lock Set for Inside Door

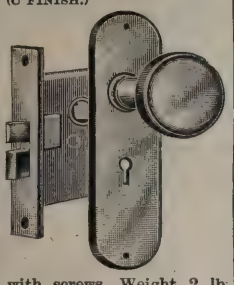


BM-12534 Lock Set for Inside Doors



BM-12670 Store Door Lock

Lock Set for Inside Doors.
(C FINISH.)



M12572—Set inside doors. tique copper ish, polished. e n u i n e ought bronze mmings. This set com- ses 1 mortise ck, 3½x3¼, nd edge cast, ought iron in- e works, plain nze front, nze bolts, sy spring, keled rolled el key, 1 pair obs, 2¼x2¼, scutcheons, 7x in. Packed, with screws. Weight, 2 lb.
r set.....$1.00
r dozen sets.....12.80

M12573—Set for inside doors (A finish). Exly the same as above but natural bronze ish, highly polished. Complete lock, knobs, d escutcheons, with screws. Weight, 2 lb.
r set.....$1.25
r dozen sets.....13.50

Sliding Door Lock Sets.
(C FINISH.)

BM12575—For single doors, flat front, antique copper finish, polished. Genuine wrought bronze trimmings. Set for single door comprises 1 mortise sliding door lock, size 5¼x3¾, flat wrought bronze front and strike, bronze bolt and pull, with extension key for different thickness doors; distance from front to center of keyhole, 2 in.; 2 flush cup escutcheons, 6x2⅜. Packed with screws. Weight, 2 lb.
Per set.....$1.50

M12576—For single doors, flat front, A finexactly the same as above, but natural nze finish, highly polished. Weight, 2 lb.
set.....$1.25

M12577—For double doors, flat front. C finantique copper finish, polished. Genuine ught bronze trimmings. Set for double r comprises 1 mortise sliding door lock, size x3½; wrought bronze front and box strike 1 door stop; bronze bolt and pull, with exsion key for different thickness doors; dis- ce from front to center of keyhole, 2 in.; 4 h cup escutcheons, size 6x2⅜ in. Packed h screws. Weight, 3 lb. Per set.....$2.40

M12578—For double doors, flat front, A finexactly the same as above but natural nze finish, highly polished; with screws. ight, 3 lb. Per set.....$2.10

Front Door Set.
(M FINISH.)

BM12584—Lock Set. Plated antique copper, sand finish, the trimmings are of iron ornamental design, finely finished and closely resemble the real bronze. Set comprises one mortise front door lock 4¾x3½ in., plated iron front, bolts and strike; one lock key, two night keys; one pair of knobs 2¼ in., with swivel spindle; one outside escutcheon, 2⅝x10 in; one inside rose escutcheon. Reversible for right or left hand doors. Packed complete with screws. Weight 4 lbs.
Per set.....$1.68

Lock Set for Inside Doors.
(M FINISH.)

BM12585—Lock Set. Plated antique copper, sand finish; trimmings are of iron, ornamental design, finely finished and closely resemble the real bronze. Set comprises one mortise lock 3½x3¾ in.; plated (wrought steel) front and strike, nickel-plated key; one pair knobs 2¼ in.; two long escutcheons 2¼x7½ in. Reversible for right or left hand doors. Packed complete with
ews. Weight 2½ lbs. Per set.....$0.75
r dozen sets.....8.15

Sliding Door Lock Sets.
(M FINISH)

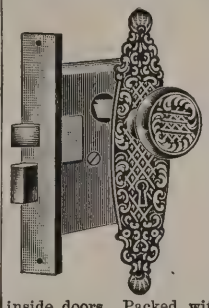
BM12586—For single doors. Flat front. Plated antique copper, sand finish; trimmings are of iron, ornamental design, finely finished, and closely resemble the real bronze. Set comprizes one mortise sliding door lock 5¼x3¾ in., flat front, bronze bolt and pull, with key. For doors 1¼ to 2¾ in. thick. Two flush cup escutcheons, size 2¼x7½ in. Packed complete with screws. Weight 2½ lbs.
Per set.....$1.40

M12587—For double doors, flat front, platantique, copper sand finish. Same size and le as above set, but has four flush cup utcheons. Packed complete with screws. ight 3½ lbs.
r set complete for double doors.....$2.25

Front Door Set.
(M FINISH.)

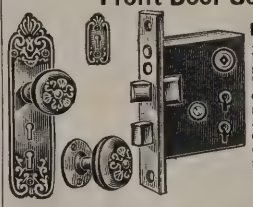
BM12590—LockSet, plated antique copper sand finish. The trimmings are of iron, ornamental design, and finished in the best possible manner. Very closely resembles the real bronze. Set comprizes: 1 front door lock, size 4¾x3½; plain wrought-steel front and strike, plated bolts, 1 tumbler, 1 lock key and 2 night keys. Operate latch bolt by knobs from both sides, or by night key from outside when stop is set. Lock bolt by key from both sides. One pair knobs 2¼x2¼, ⅜ swivel spindle with 1 rose; 1 outside rose and escutcheon combined, size 11½x2⅜; key plate escutcheon on inside, 2¾x1 in. Reversible by taking off cap for right or left hand doors. Complete, lock, knobs, and escutcheons. With screws. Weight, 3½ lb. Per set.....$1.50

Lock Set for Inside Doors.
(M FINISH.)



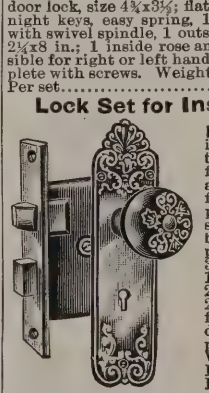
BM12591—Set for inside doors, plated antique copper sand finish. The trimmings are of iron, ornamental design, and finished in the best best possible manner. Very closely resembles the real bronze. This set comprises; 1 mortiselock 3½x3¼, steel front and strike, iron, bolts nickel-rolled steel key, 1 pair knobs 2¼x2¼ in., 2 escutcheons 9x2⅜ in., makes a very attractive set for inside doors. Packed, with screws. Weight, 2¾ lb. Per set.....60c.

Front Door Set.
(M FINISH.)



BM12595—Lock Set, antique copper sand finish. Trimmingsare of wrought-steel, plated and finished in old copper; closely resemble the real bronze. Set comprises 1mortisefront door lock, size 4¾x3½; flat front, 1 lock key, 2 night keys, easy spring, 1 pair knobs 2¼ in., with swivel spindle, 1 outside escutcheon, size 2¼x8 in.; 1 inside rose and escutcheon; reversible for right or left hand doors; packed complete with screws. Weight, 3 lb.
Per set.....$1.56

Lock Set for Inside Doors.
(M FINISH.)



BM12596—Set for inside doors, antique copper sand finish. Trimmings are of wrought-steel finished in old copper and closely resembles the real bronze. Set comprises 1 mortise lock, 3½x3¼ in.; steel key, 1 pair knobs, 2¼ in.; 2 long escutcheons, 2¼x8 in. Reversible for right or left hand doors. Packed complete with screws. Weight, 2 lbs.
Per set.....53c.
Per doz. sets.. $6.20

Sliding Door Lock Sets. (M FINISH.)

BM12597—For single door, antique copper sand finish; trimmings are of wrought-steel, plated and finished in old copper, closely resemble the real bronze. Set comprises 1 mortise sliding door lock, size 5¼x3½; flat front, with key for door 1¼ to 2¾ in. thick; 2 flush cup escutcheons, 2¼x8 in. Packed with screws. Weight, 2 lb. Per set, complete, for single doors..$1.25

BM12598—For double doors, flat front, antique copper sand finish, same size and style as set above, but has 4 flush cup escutcheons. Weight, 3 lb. Per set, complete, for double doors.....$1.85

Front Door Sets. (B FINISH.)

BM12600—Lock Set, Natural bronze finish with black background and polished raised surface. Genuine wrought bronze trimmings. Set comprises one mortise front door lock, 4¾x3½ in. flat front, heavy bronze front, bolt and strike; one lock key, two night keys; one pair bronze knobs, 2¼ in. with swivel spindle; one outside escutcheon, 1⅝x7 in., one inside rose and escutcheon. Reversible for right or left hand doors. Packed complete with screws. Weight, 3 lbs. Per set....$1.68

Lock Set for Inside Doors.
(B FINISH.)

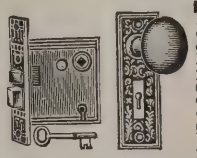
BM12602—Lock Set. Natural bronze finish, with black background and polished raised surface. Genuine wrought bronze trimmings. Set comprises one mortise lock, 3½x3¼ in.; brass front and bolts, steel key, one pair bronze knobs, 2¼ in.; two long escutcheons, size, 1⅝x5½ in.; reversible for right or left hand doors. Packed complete with screws.
Weight. 2 lbs. Per set.....80c.
Per dozen sets.....$9.00

Sliding Door Lock Sets.
(B FINISH.)

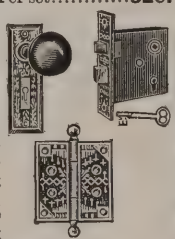
BM12603—For single doors, flat front, natural bronze finish with black background and polished raised surface, Genuine wrought bronze trimmings. Set comprises one mortise sliding door lock, size, 5¼ x3¼ in., flat bronze front, strike, bolt and pull, with key. For doors 1¼ to 2¾ in. thick; two flush cup escutcheons, 2¼x4 in. Packed complete with screws. Weight, 2 lbs. Per set, complete, for single door.....$1.20

BM12604—For double doors (B Finish) flat front, natural bronze finish, with black background and polished raised surface. Same size and style as above set, but has four flush cup escutcheons. Weight, 3 lbs. Per set, complete, for double doors.....$1.80

Lock Sets for Inside Doors.



BM12620—K Finish Lock Sets, consisting of a mortise lock, ornamental front, 2 long escutcheons, 1 pair jet black knobs, steel key. The front of lock, strike and escutcheons are handsomely plated with black background, polished raised surfaces and closely resemble the real bronze. Packed complete with screws.
Per dozen sets...$3.60 Per set.....32c.

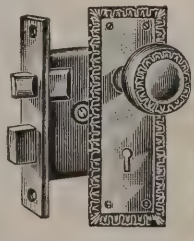


BM12622—K Finish Lock Set, with hinges, consisting of a mortise lock, 2 long escutcheons, 1 pair jet black knobs, steel key, and 1 pair of bronze-plated hinges, 4 in. x 4 in. The front of lock, strike, long escutcheons and hinges are handsomely plated with black background, polished raised surfaces, and closely resemble the real bronze. A handsome and popular set which we are offering at a low price. Packed complete with screws.
Per dozen sets....$7.00 Per set.....62c.

Front Door Set.
(L FINISH.)

BM12624—Lock Set, antique copper finish, plated on iron, polished, and relieved. Closely resembles the rear bronze. Set comprises one mortise front door lock 4¾x 3½ in., flat front, Plated iron front and bolts, one lock key, two night keys; one pair ornamental plated knobs 2¼ in., with swivel spindle; one outside escutcheon size 3⅜x 9⅜ in.; one inside rose and escutcheon. Reversible for right or left hand doors. Packed complete with screws. Weight, 3 lbs. Per set $1.75

Lock Set for Inside Door.
(L FINISH.)



BM12625—L Finish Lock Set, consisting of a mortise lock, 3½x3¼, 2 long escutcheons, 1 pair ornamental knobs, 2¼ in.; 1 steel key. The knobs and escutcheons are of iron handsomely plated in antique copper finish and closely resemble the real bronze. Packed, complete, with screws.
Per set.....75c.
Per doz. sets... $8.25

Sliding Door Lock Sets.
(L FINISH.)

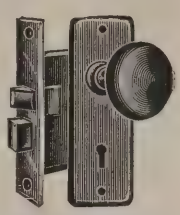
BM12626—For single doors, flat front, antique copper finish, plated in iron, polished and relieved. Set comprises one mortise sliding door lock 5¼x3¾ in. flat front, bronze bolt, and pull; with key. For doors 1¼ to 2¾ in. thick; two flush cup escutcheons size 2¼ x6½ in. Packed complete with screws,weight, 2 lbs. Per set complete for single door
.....$1.40

BM12627—For double doors (L finish) flat front, same size and style as above set but has four flush cup escutcheons, weight, 3 lbs. Per set complete for double door.....$2.25

Front Door Set.
(L FINISH.)

BM12628—Lock Set. Wrought-steel trimmings. Antique copper-plated, polished and relieved. Closely resembles the real bronze. Set comprises one mortise front door lock, 4¾x3½ in.; flat front, easy spring; one lock key, two night keys; one pair ornamental plated knobs, 2¼ in., with swivel spindle; one outside escutcheon, 2¼x7½ in.; one inside rose and escutcheon. Reversible for right or left hand doors. Packed complete with screws. Weight, 3 lbs. Per set...$1.47

Lock Set For Inside Doors.
(L FINISH.)



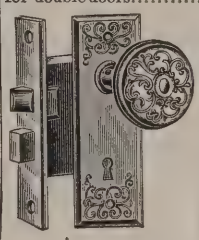
BM12629—L Finish Lock Set, consisting of a mortise lock, 3½x3¼, 2 long escutcheons, 1⅝x5¾, 1 pair plain, smooth knobs, 2¼ in.; 1 steel key. Knobs and escutcheons are of wrought-steel handsomely plated in antique copper finish, and closely resemble the real bronze. Packed complete with screws. Weight, 2 lbs. Per set...50c.
Per doz. sets....$5.54

BM12630—L Finish. Lock Set, same as 12629 shown above, but has black jet knobs instead of metal. Escutcheons are wrought-steel, antique copper finish, polished. Makes a very neat inside set. Packed complete with screws. Weight, 2 lbs. Per set.....$0.38
Per doz. sets..... 3.96

Sliding Door Lock Sets.
(L FINISH.)

BM12631—For single doors flat front, wrought-steel trimmings, antique copper finish, polished and relieved. Set comprises one mortise sliding door lock, 5¼ x 3¼ in., flat front, bronze bolt, and pull, with key. For doors, 1¼ to 2¾ in. thick two flush cup escutcheons, size, 2x4 in. Packed complete with screws. Weight, 2 lbs. Per set, complete for single door....$1.15

BM12632—For double doors (L Finish), flat front, same size and style as above, but has four flush cup escutcheons. Weight, 3 lbs. Per set, complete for double doors.....$1.73



BM12634—M Finish Lock Set, consisting of a mortise lock 3½x3¼, steel key, 2 long escutcheons, 1⅝x5½ in., 1 pair knobs, 2¼ in. The knobs and escutcheons are of wrought-steel, handsomely plated antique copper sand finish, and closely resemble the real bronze. Packed with screws.
Per set.....57c.
Per doz. sets.. $6.15

Sliding Door Lock Sets.
(M FINISH.)

BM12635—For single doors, flat front, wrought-steel trimmings, antique copper sand finish. Set comprises one mortise sliding door lock, 5¼ x 3¼, flat front, bronze bolt and pull, brass key. For doors 1¼ to 2¾ in. thick. Two flush cup escutcheons, 2¼ x 4 in. Packed complete with screws. Weight, 2 lbs. Per set complete for single door
.....$1.25

BM12635½—For Double Doors (M Finish), flat front, same style and size as above, but has four flush cup escutcheons. Weight, 2½ lbs.
Per set complete for double door.....$1.87

BM12636—M Finish Lock Set, consisting of a mortise lock 3½x 3¼, steel key, 2 long escutcheons, 1⅝x5½ in., 1 pair black ebony knobs 2¼ in. diam. The escutcheons are of wrought-steel, handsomely plated antique copper, sand finish and closely resemble the real bronze. Packed with screws.
Per set.....60c.
Per doz sets....$6.37

Push Plates.

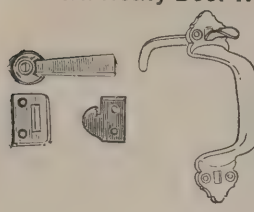
BM12660—C Finish. Made of genuine wrought bronze, antique copper finish, polished and relieved. Size, 2¾ in. by 10 in. Packed with screws.
Each.....45c.

BM12661—A Finish. Made of genuine wrought bronze metal. Natural bronze finish, highly polished. Size, 2¾ in. by 10 in. Packed with screws.
Each.....33c.

BM12662—L Finish. Made of wrought-steel handsomely plated antique Copper finish, polished. Size, 2¾ in. by 10 in. Packed with screws.
Each.....24c.

DIVIDEND CERTIFICATES
e given free with all purchases
$1 and over made from this
atalogue, except with Foreign
ipments, Winchester Arms and
few other exceptions as noted.

Extra Heavy Door Handles.



(Japanned.)

BM 12687 Made of cast iron, heavy pattern, Japanned. Set complete (without screws). Per set..8c. Per doz. sets....$0.85

Thumb Latches.

BM 12690—Made cast-iron, heavy ornamental pattern, dark bronzed finish. Set complete (without screws.) Per set.....$0.07 Per dozen sets..... .69

Door Locks.

Our Door Locks are the best for the price in the market; nicely finished and fitted, substantially made and easy working. All door locks quoted by us are for right or left hand doors.

Please note that all locks are quoted with and without knobs. In ordering be sure and state what is wanted.

Upright Rim Knob Locks.

BM 12750—Reversible Upright Rim Locks, like cut, with stop iron bolts, tinned malleable iron key, japanned escutcheons, complete with screws; size, 4x3¼ in. This price does not include knobs. Weight, 1 lb.
Each.....12c.
Per doz.....$1.25

BM 12751—The above lock, with No. 12816 brown mineral knob, japanned mountings. Weight, 1¼ lb.
Each.....19c.
Per doz.....$2.00

BM 12752—The above lock, with No. 12818 white porcelain knob, japanned mountings, Weight, 1¼ lb.
Per doz.....$2.10 Each.....20c.

BM 12754—Reversible Upright Rim Lock, same as No. 12750, with stop, brass bolt, and nickel-plated steel key; size 4¼ x 3¼, with screws, japanned escutcheons. This price does not include knobs. Weight, 1¼ lb.
Per doz.....$3.00 Each.....28c.

BM 12755—The above lock No. 12754, with No. C12816 brown mineral knobs, japanned mountings. Weight, 2 lb.
Per doz.....$3.95 Each.....37c.

BM 12756—The above lock, with No. 12818 white porcelain knobs, japanned mountings.
Per doz.....$4.05 Each.....36c.

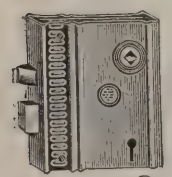
Horizontal Rim Knob Locks.

BM 12760—Reversible Horizontal Rim Locks, like cut, with stop, iron bolt, and key; size, 4¼x 3½; japanned escutcheons, complete with screws. This price does not include the knobs.
Per doz.....$1.31 Each.....12c.

BM 12761—The above No. 12760 lock with No. 12816 brown mineral knobs, with japanned mountings.
Per doz.....$2.06 Each.....19c.

BM 12762—The above No. 12760 lock with No. 12818 white porcelain knobs, japanned mountings. Weight, 1¼ lb.
Per doz.....$2.15 Each.....18c.

Wrought-Steel Door Locks.



Wrought-Steel Door Locks are a good deal lighter and very much stronger than the common kind. Therim locks have an ivory black finish, the mortise a bright finish. They are listed so you can buy them with or without knobs; having a ⅝ hub any rim knob will fit them.

BM 12766—Reversible Wrought-Steel Upright Rim Lock, 4x3, iron bolts, 4 changes, tinned malleable iron key, packed complete with japanned escutcheons and screws. This price does not include knobs.
Per doz.....$2.00 Each.....20c.

BM 12767—The above lock with No. 12816 brown mineral knobs, japanned mountings.
Per doz.....$2.75 Each.....27c.

BM 12768—The above lock with No. 12818 white porcelain knob, japanned mountings.
Per doz.....$2.85 Each.....28c.

BM 12769—Reversible Wrought-Steel Horizontal Rim Lock, 5x3¼, 12 changes, nickel-plated, steel key, packed complete, with screws, japanned escutcheon. This price does not include knobs; weight about 1 lb.
Per doz.....$2.10 Each.....21c.

BM 12770—The above lock with No. 12816 brown mineral knobs, japanned mountings.
Per doz.....$2.88 Each.....28c.

BM 12771—The above No. 12769 lock with No. C12818 white porcelain knob, japanned mountings. Per doz.....$2.95 Each....30c.

Store Door Lock.

BM 12775—Store Door Rim Dead Lock; 5 x 3; used on store doors; has heavy iron bolt, 2 nickel-plated folding steel keys, complete with screws and japanned escutcheon.
Each.....60c.

Tubular Night Latch.

BM 12780—Japanned Night Latch, with 2 steel keys, bronze plated turn knob. Size of latch, 3x2 in. for doors 1 to 1¾ in. thick; bronze metal key plate. Latch is reversible for right or left hand doors, and packed complete with regular and reverse bevel strike, with screws.
Each.....22c.

Cylinder Night Latch.

WARRANTED TO BE PERFECT AND EQUAL TO ANY IN THE MARKET.

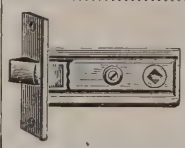
BM 12782—Rim Night Latch, plain brass knob and escutcheon japanned iron case; size, 3⅝x 2¾ in., 3 steel keys. This latch is operated from the outside by the key only and on the inside by the knob, and the bolt may be fastened back at will by the spring catch on the inside of case; suitable for doors from ⅞ to 2¾ in. thick. This latch is now packed with reverse bevel strike.
Each, complete with screws.....$1.05

Rim Dead Locks.

BM 12785—Horizontal Rim Dead Locks; size, 2x 2¾, for closets or cupboard, iron bolt, 1 iron key.

Notice—This lock cannot be used with knobs.

Complete with screws and japanned escutcheon. 8 oz.
Each.....$0.12
Per doz.....1.10



BM 12790—Mortise Knob Latch; size, 1⅜x 3½; has iron face, iron bolt and iron strike-plate. Price named is for latch without knobs; for price of knobs see Nos. 12817, etc. Weight, 6 oz.
Each.....$0.08
Per doz.....75

BM 12791—Mortise Knob Latch, same style as cut 12421; size, 1⅜x3¼, with brass front and strike-plate; bronze bolt. No knobs furnished at this price. For price of knobs see Nos. 12817, etc. Weight, 6 oz. Each.....18c.
Per doz.....$1.60

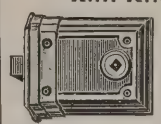
Steel Rim Knob Latches.

BM 12794—Wrought-Steel Rim Latch, ivory black finish, for small doors, for closets and bedrooms; has bolt by which door may be securely locked from the inside; with screws, without knobs. Weight, 10 oz.
Each.....18c.

BM 12795—The same latch with No. 12816 brown mineral knobs, japanned mountings.
Each.....25c.

BM 12796—The same latch with No. 12818 white porcelain knobs, japanned mountings.
Each.....23c.

Rim Knob Latches.



BM 12797—Japanned Iron Latch. Size of case, 3½ x 2¾ in., iron bolt, with screws. Weight, 12 oz. Each (without knobs).....11c.

BM 12798—Latch with 12816 brown mineral knobs. Each.....18c.

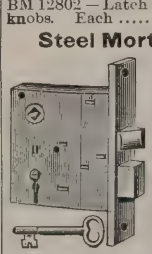
BM 12799—Latch with 12818 porcelain knobs. Each.....19c.

BM 12800—Japanned iron latch with sliding thumb bolt, iron bolts. With screws. Weight, 14 oz. Each (without knobs).....12c.

BM 12801—Latch with No. 12816 brown mineral knobs. Each.....19c.

BM 12802—Latch with No. 12818 porcelain knobs. Each.....20c.

Steel Mortise Knob Locks.



BM 12805—Reversible Wrought Steel Mortise Lock, 3¼x3, brass front and striking plate, nickel plated steel key. This price does not include knobs or screws. Wt., 12 oz. Ea..40c.
Per doz.....$4.50

BM 12806—The above lock with No. 12817 brown mineral knob, japanned mountings. Each....47c.
Per doz.....$5.25

BM 12807—The above lock with No. 12819 white porcelain knob, japanned mountings. Each.....48c.
Per doz.....$5.35

Mortise Knob Locks.

BM 12808—Reversible Mortise Lock, like cut, lacquered iron front, iron bolt, wrought-iron striking plate, tinned malleable iron key; size, 3½x3¼. Price is without screws or knobs. Weight about 1 lb. Each.....15c.
Per doz.....$1.60

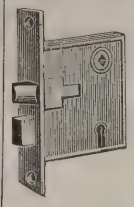
BM 12809—Same lock, with No. 12817 brown mineral knobs, japanned mountings.
Each.....22c.
Per doz.....$2.35

BM 12810—Same as above, with No. 12819 white porcelain knobs, japanned mountings. Each.....25c.
Per doz.....$2.45

BM 12811—Reversible Mortise Lock, similar to cut of No. 12808, brass front, brass bolts nickel-plated steel keys; size, 3½x3¼. Weight 1 lb., 3 oz. Prices do not include knobs or screws. Per doz.....$3.25 Each.....30c.

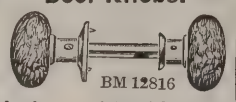
BM 12812—Same lock, with No. 12817 brown mineral knobs, japanned mountings.
Per doz.....$4.00 Each.....37c.

BM 12813—Same as above, with 12819 white porcelain knobs, japanned mountings, without screws. Per doz., $4.10 Each.....38c.



BM 12814—Size 3½x3½ in., with iron front, bolts and strike-plate with steel key; 12 changes. The price of the lock is without the knob. For price of knobs see 12817, etc. Without screws. Weight, 1 lb.
Each.....22c.
Per doz.....$2.40

Door Knobs.



BM 12816

Prices are for knobs complete with spindle but do not include the screws for fastening the round roses to door. Approximate weight, 1 lb. pair.

MINERAL RIM KNOBS.

BM 12816—Brown Mineral Door Knobs, with ⅝-in. spindles, japanned mountings, for rim locks; no screws furnished.
Per doz.....$0.75 Each.....7c.

MINERAL MORTISE KNOBS.

BM 12817—Brown Mineral Door Knobs, with ⅝-in. spindles, japanned mountings, for mortise lock; no screws furnished.
Per doz.....$0.75 Each.....7c.

PORCELAIN RIM KNOBS.

BM 12818—White Porcelain Door Knobs, with ⅝-in. spindles, japanned mountings, for rim locks. Per doz....$0.85 Each.....8c.

PORCELAIN MORTISE KNOBS.

BM 12819—White Porcelain Door Knobs, ⅝-in. spindles, japanned mountings, for mortise locks. No screws furnished.
Per doz.....$0.85 Each.....8c.

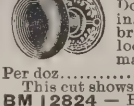
EBONY RIM KNOBS.

BM 12820—Ebony Door Knobs, ⅝-in. spindles, japanned mountings, for rim locks.
Per doz.....$0.87 Each.....9c.

EBONY MORTISE KNOBS.

BM 12821—Ebony Door Knobs, with ⅝-in. spindles, japanned mountings, for mortise locks. No screws furnished.
Per doz.....$0.87 Each.....9c.

BM 12822—Bronzed Iron Knob, K finish, ⅝-in. spindles, bronze plated mountings, for mortise locks, with screws to match.
Per doz.....$3.35 Pair.....34c.

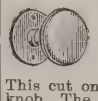


BM 12823—Ebony Door Knobs, with ⅝-in. spindle, ornamental gold bronze mounting, for mortise locks. Packed with screws to match mountings.
Per doz.....$2.00 Pair.....20c.

This cut shows only one-half of the knob.

BM 12824—Bronze Metal Door Knob, B finish, 2¼-in. size with ⅝-in. spindle, for mortise locks. This knob is made of solid bronze metal, has polished surfaces, with black background. A new and very handsome design, with screws to match. Pair.....55c.

This cut only shows one-half of the knob. The price includes two knobs and spindle, like cut 12816.



BM 12825—Antique Copper Bronze Metal Knob, C finish, 2¼-in. size, with ⅝-in. spindle, for mortise locks; with screws to match.
Pair.....60c.

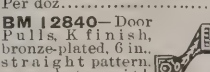
This cut only shows one-half of the knob. The price includes two knobs and one spindle, like cut 12816.

BM 12826—Keyhole Plate or Escutcheon, japanned iron, for iron key.
Per doz.....$0.12 Each.....2c.

Door Pulls.

BM 12835—Door Pulls, K finish, bronze-plated, 7 in, oblique pattern, packed complete with screws; weight, 6 oz. Each.....14c.
Per doz.....$1.40

BM 12840—Door Pulls, K finish, bronze-plated, 6 in., straight pattern, complete with screws; weight, 3 oz.
Per doz.....$0.78 Each.....8c.



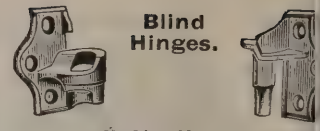
BM 12842—Steel Wire Door Pulls; are adapted for screen doors, etc., and may also be used as a window pull; weight, 1 oz.
Per doz.....$0.09 Each.....2c.

Shutter Bars.

BM 12875—Shutter Bars, K finish, bronze-plated, reversible, 2½ in.; complete with screws; weight, per doz., 2 oz.
Each.....$0.09
Per doz.....85

BM 12890—L finish, antique copper-plated; complete with screws; weight, 2 oz.
Each.....15c.
Per doz.....$1.63

Blind Hinges.



BM 12110—Clark's or Shepard's Patent Gravity Locking Blind Hinges and Fasts, for houses; throws the blind 1¼ in. from the casing. Prices do not include screws. Weigh lb. per set. Per doz. sets...$0.90 Per set..

BM 12111—Clark's or Shepard's Gravity Locking Blind Hinges and Fasts, for brick houses; throws the blind 3¼ in. from the ca... Prices do not include screws. Weight, 2 lb. set. Per doz. sets...$1.75 Per set.....

Wrought-Steel Gravity Blind Hinge.

FOR WOOD.

BM 12115—These hinges lock the blind the action of gravity; and being made heavy wrought-steel will not break. The b... is securely locked when don and the h... cannot be unlocked without lifting the bl... The improved sill catch prevents the cl... blind from being opened from the outs... Each set is packed in a box complete with ... screws. Weight, 1 lb. per set.
Per doz. sets.....$1.25 Per set.....

Wrought T-Hinges.

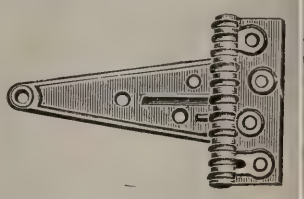
BM 12048—Light Pattern, Wrought Steel T-Hinges. Sizes are determined by the length of the st... Prices do not include scre... Weights range f... 4 oz. to 7 oz. per p...

Size	3 in.	4 in.	5
Width of joint	2½ in.	2¾ in.	3
Use screw No.	7	7	8
Per pair	$0.04	$0.04	$0.0
Per dozen pair	.31	.33	.4

BM 12051—Extra Heavy, Wrought-Steel T-Hinges. Sizes are determined by the length of the strap. Prices do not include screws. Weights range from 1¾ lb. to 6½ lbs. per p...

Size	6 in.	8 in.	10 in.	12
Width of joint	4½ in.	5½ in.	7 in.	7
Use screw No.	11	13	14	15
Per pair	$0.10	$0.15	$0.20	$
Per dozen pair	0.92	1.48	2.05	

Corrugated T-Hinges.

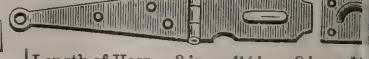


BM 12056—Wrought Steel Corrugated T-Hinges. The corrugations about the joints gre... increase the strength of the hinge, at the same time rendering it impossible for i... bind upon the pin, no matter how rusty it ... get. Are lighter, and at the same time stron... than the plain hinges, sizes are determine... the length of the strap. Prices do not incl... screws, weights range from ½ lb. to 3¾ ... per pair.

Size	4 in.	5 in.	6 in.	8 in.	10
Width of joint	3½ in.	4 in.	4½ in.	5½ in.	
Use screw No.	10	10	11	13	
Per pair	$0.07	$0.08	$0.12	$0.20	$
Per dozen pair	.58	.79	1.05	1.70	

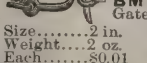
Hinge Hasps.

BM 12080—Made of wrought steel. Pr... do not include screws.



Length of Hasp	3 in.	4½ in.	8 in.	10
Whole length	5¾ in.	7 in.	12½ in.	15
Weight, each	3 oz.	¼ lb.	⅜ lb.	1
Each	$0.03	$0.04	$0.06	$
Per single doz.	.27	.34	.57	

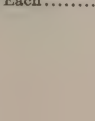
Cate Hooks and Eyes.



BM 12160—Bright Iron Gate Hooks and Eyes.

Size	2 in.	2½ in.	3 in.	3½ in.
Weight	2 oz.	2 oz.	2 oz.	3 oz.
Each	$0.01	$0.01	$0.01	$0.02
Per doz.	.10	.12	.13	.15
Per gross	.97	1.10	1.25	1.50

Safety Gate Hooks.



BM 12161—Tinned Malleable Iron Hooks, wrought-staples; two sizes.

Length	4 in.
Weight	4 oz.
Per doz	50c.
Each	5c.

Letter Box Plates.

M 12900—Letter x Plate, K finish, onze-plated, for or 7¼ in.; packed h screws; weight z. Each.....25c.
r doz.....$2.48

M 12901—Inside plates for above; weight, oz. Each.....12c.
r doz.....$1.25

Door Buttons.

M 12916 — Door Buttons japned iron, 1¾ in., with plate, hout screws. Weight, 8 oz. per z. Each.....$0.02
r doz..... .12

BM 12917—Door Buttons, japanned iron, 1¾ in. without the plate. We do not furnish screws this price. Weight, 6 oz. per doz.
r gross.....$0.28 Per doz..... 3c.

Cupboard Catches.

M 12930-Cupboard ch, G finish, made iron and finished in scan bronze, with ent triangular bolt; , 3x1⅝ in.; packed h screws; bronze ob. Weight, 2 oz. Each.....$0.04
r doz..... .40

BM12935—Cupboard Catch, K finish, made of iron, bronze-plated, black background, polished raised surfaces, with patent triangular t, bronze knob; packed with screws; size, x1⅝ in. Weight, 2 oz. Each.....$0.07
r doz..... .65

Cupboard Catches.

M 12940—Cupboard Catch, M finmade of iron, nze-plated, ane copper sand sh, size, 1⅝x3¼ Weight, 2 oz.; n screws.
doz.....$0.86 Each.....9c.

Wrought-steel Cupboard Catch.

BM 12945-Cupboard Catch, L finish, made from smooth wrought-steel, polished, plated with copper, with an antique copper finish; packed with screws to match. Weight, 4 oz.
doz.....$0.70 Each.....7c.

M 12950—Cupboard h, japanned iron, elain knob. Weight, ; without screws.
.....$0.04
doz..... .33

Refrigerator Latches.

This is a finely finished surface latch, having a weighted handle, the momentum of which, aided by the ng, wedges the door firmly against the rabbet and excludes the air. It is adapted for all s of refrigerators and ice boxes. With ws. Each.

M 12960—Mediumsize, bronzed iron.
ght, 6 oz.....$0.18
961—Medium size, polished brass.
ght, 8 oz..... .35

Ice Box Fasteners.

GALVANIZED.

M 12965-Lever Box Fastener bolt. A simand secure fasr for large reerators and ice s, made of y cast-iron and thoroughly galvanized. hout screws.

gth ever.	Size of Bolt.	Each.
in.	⅛x6½	$0.30
in.	⅜x7¾	.48
in.	¾x8½	.65

Refrigerator Hinges.

BM 12968—Ornamental Surface Hinges for Refrigerators, made of cast-iron, Berlin bronze finish, with brass pin or rivet to prevent rusting. Size, 2½x5
doz. pair.....$1.50
Packed with screws. Per pair..... 15c.

M 12969—Ornamental ace Hinges, with off-
Are used on refritors where the door is dush with the front of gerator; that is, the projects somewhat from the body of ox. Made of cast-iron Berlin bronze finwith brass pin and ⅜ in. offset. Size, 2½x5
Packed with screws. Per pair.....$0.16
doz pair..... 1.51

Cupboard Turns.

BM 12985—Cupboard Turns, G finish, made of iron, with knob, Tuscan bronzed, anti-friction bolt; packed with screws complete. Weight, 6 oz. Size, 2⅝x2¼ in.
Each.....$0.08
Per doz..... .82

BM 12987 — Cupboard Turns, B finish, made of bronze metal; the raised surfaces are polished and the background is black; with bronze metal T handle, anti-friction bolt, packed with screws; size, 2⅝x2⅛ in. Weight, 6 oz.
Each.....40c.
Per doz.....$4.69

BM 13000 — Cupboard Turns, M finish, made of iron, plated antique copper, sand finish; size, 2¼x2¼ in. Weight, 4 oz.; with screws.
Each.....15c.
Per doz.....$1.58

BM 13015—Cupboard Turns, L finish, made of iron and finished in antique copper; packed with screws; size, 2⅝x2⅛ in. Weight, 5 oz.
Each.....14c.
Per doz.....$1.45

BM 13020—Cupboard Turns, L finish, made of wrought-steel, antique copper finish; size, 2½x2¼. Weight, 4 oz.; with screws. Each.....13c.
Per doz.....$1.30

BM 13021—Cupboard Turns, A finish, made of wrought bronze metal, polished; size, 2 x 2¼. Weight, 4 oz.; with screws. Each.....25c.
Per doz.....$2.63

BM 13022—Cupboard Turns, L finish, made of wrought steel, antique copper finish, with T handle. Weight, 4 oz.; with screws.
Each.....13c.
Per doz.....$1.30

BM 13023—Cupboard Turns, A finish, made of wrought bronze metal, polished. Weight, 4 oz.; with screws.
Per doz.....$2.63 Each.....25c.

Elbow Catches.

Intended to fasten on the inside of china closet and cupboard doors, etc.

BM 13050 Japanned iron. Weight 2 oz. Each $0.03
Per doz..... .25
BM13051—Polished Brass. Weight, 2 oz. .09
Per doz..... .80

Elbow Door Catches.

BM 13052—Door Catches, made of japanned iron and very useful for holding swinging doors open, such as barn doors, etc. Weight, 8 oz.
Per doz.....38c. Each.....4c.

Sash Pulleys.

BM 13063—Common Iron Sash Pulleys, with square ends. Turned wheel 2 inches in diameter. Weight, 4¼ lb. per dozen.
Per doz.....21c.

BM 13065 — Common Iron Sash Pulleys, with round ends. Turned wheel 2 in. in diameter. Weight, 4¼ lb. per dozen.
Per doz.....21c.

BM 13066—"Common Sense" Iron Sash Pulleys, easily inserted. Turned wheel 2 inches in diameter. Weight, 4 lb. per dozen.
Per doz.....23c.

BM 13068-Heavy sash pulley. Face is polished and plated, antique copper finish. Turned wheel 2¼ in. diameter. Noiseless and smooth running,
Each.....$0.12 Per doz.....$1.30

Steel Sash Pulleys.

BM 13073—Made entirely of steel, cannot break nor wear out. Are noiseless and easy running; axle runs on a patent double-shouldered steel bushing, which is not found in other makes. It is easily inserted; just bore three holes 1 in. in diameter in a line, centers ¾ in. apart. Then drive pulley in and drive the end tongues into the wood about ⅜ of an inch with a hammer and punch. Pulley can then never come out. Guaranteed to carry any sash. Requires no counter boring, no cutting or trimming, no nails or screws. Always fits. Light, strong and quickly applied. Diameter of wheel, 2 in. Approximate weight, 1½ lb. per doz.
Per doz.....23c

Diamond Sash Fasteners.

A very simple and secure window lock. It is constructed so as to draw the top and bottom sash tightly together, which effectually prevents rattling. Burglar proof.

BM 13090—Diamond Sash Fastener, G finish, bronzed iron, dark finish. Weight, 3 lb. per dozen.
Per doz., $0.38 Each..4c.

BM 13092 — Diamond Sash Fastener, L finish, antique copper finish, polished. Weight, 3 lbs. per dozen.
Per doz., $0.85. Each..10c.

BM 13093 — Diamond Sash Fastener, M finish, antique copper, dull sand finish. Weight, 3 lb. per dozen.
Per doz..... $1.10. Each.....11c.

Monarch Sash Fasteners.

The bottom rail of the upper sash is the best place for a sash fastener, as then there is no danger of locking the fastener without locking the window. The "Monarch" is made from wrought metal, and is the safest sash fastener yet produced. It has no springs to get out of order, and when locked it is impossible to open it from the outside by a knife blade or other means. The fastener is applied to the lower rail of the upper sash and the strike to the top rail of the lower sash. A half turn of the lever locks the window, a full turn draws the sash firmly together. They are safe and sure.

BM 13100—"Monarch" Sash Fastener, made from wrought-steel, L finish, polished, with antique copper finish. Weight, 2½ lb. per dozen. Per doz.....$1.25 Each.....12c.

BM 13101—"Monarch" Sash Fastener, C finish, made from wrought bronze metal, antique copper finish. Weight, 2½ lb. per dozen.
Per doz.....$2.44 Each.....25c.

The "Crescent" Sash Fasteners.

BM 13104—Sash Fasteners, G finish plain bronzed iron, brown color, weight 3 lbs. to dozen.
Per dozen .....43c.
Each ..... 5c.

BM 13105—Sash Fasteners (L finish) plain iron, plated to imitate dark antique copper, weight 3 lbs to dozen.
Per dozen.....67c. Each.....7c.

BM 13106—Sash Fasteners, M finish plain iron, plaited with dull sand surface to imitate antique copper, weight 3 lbs. to dozen.
Per dozen.....75c. Each.....8c.

BM 13107—Sash Fasteners, (A finish) **solid bronze metal,** natural color, highly polished, weight 3 lbs. to dozen.
Per dozen.....$2.60 Each.....26c.

BM 13108—Sash Fasteners, (C finish), Solid bronze metal, antique copper finish, dark color polished and relieved. Weight, 3 lbs. to dozen.
Per dozen.....$2.90 Each.....28c

Sash Fasteners.

BM 13110—Sash Fastener, K finish, lever and arm movement, a very secure pattern. Packed with screws. Geneva bronzed. Weight, 3 lbs. per dozen.
Per doz.....$0.80 Each.....8c.

BM 13118—Sash Lock, G finish, a well made and secure lock of the latest design, enameled iron finish. Weight, 3 lb. per dozen.
Each.....4c.
Per doz.....$0.35

Ives' Sash Locks.

Ives' Burglar-Proof Sash Locks. Time has proven these locks to be the best in use. Architects and builders recommend them. When locked they draw the two sashes tightly together, which prevents their rattling. They are ornamented and easily put on. Packed with screws.

BM 13120—Ives' Burglar-Proof Sash Locks, G finish, Ogee tipped, ornamental iron. Weight, 3 lb. per dozen. Each.....$0.05
Per doz..... .42

BM 13125—Ives' Burglar-Proof Sash Lock, G finish ornamental iron, bronzed, with bronze metal knob. Weight, 3 lb. per dozen.
Per doz..... $0.80 Each.....8c.

BM 13128—Ives' Burglar-Proof Sash Locks, G finish, ornamental iron, bronzed bell tip. Weight, 3 lb. per dozen. Each.....$0.07
Per doz..... .60

BM 13130—Ives' Burglar-Proof Sash Locks, G finish, ornamental iron, bronzed, with bronze metal bell tip. Weight, 3 lb. per dozen.
Per doz.....$1.00 Each.....12c.

Ives' Ventilating Window Lock.

The latest and best device for ventilation. The window can be left open at the top, the bottom, or both top and bottom, with entire security against intrusion. Is particularly desirable for sleeping rooms, and is easily applied to either side of the upper sash.

(AS APPLIED TO WINDOW.)

BM 13140—Ventilating window lock, L finish, plain iron, bronze plated to imitate dark antique copper.
Per dozen .....$1.55 Each..... $0.15

BM 13142—Ventilating window lock (A finish), **solid bronze metal,** natural color highly polished.
Per dozen $2.85
Each..... .27

Window Springs.

BM 13150—Window Spring Bolts, japanned silvered tip, tin case. Weight, 10 oz. per doz. Per doz. .....12c.
Per gross..... $1.20

BM 13152—Window Spring Bolts, Malleable Iron, tinned, with zinc case, very much stronger than ones mentioned, same style.
Per gross.....$1.50 Per doz.....15c.

Screw Window Springs.

This is self-fastening and is intended to screw into the window frame and fits a ⅝-in. hole. Iron case.

BM 13155—Malleable Iron Coppered Bolt. Weight, 1¼ lb. per dozen.
Per gross.....$2.47 Per doz.....25c.

Transom Plates.

BM 13170—Sash Centers or Transom Plates, iron, japanned. A set of transom plates consists of four pieces.

Length	2¼	2¾
Weight, per set	7 oz.	10 oz.
Per set of two	$0.04	$0.05
Per 1 doz. sets	.35	.45

BM 13180-Sash Lift, K finish, 1⅝ in. wide; complete with screws; weight, per doz., 10 oz.
Each.....$0.04
Per doz..... .28

BM 13188—L Finish. Made of wrought steel, antique copper finish. Each.....$0.03
Per doz..... .20

BM 13189—C Finish. Made of genuine wrought bronze antique copper finish.
Each $0.05
Per doz..... .45

BM 13190—A Finish. Made of genuine wrought bronze, natural bronze finish, highly polished.
Each.....$0.05
Per doz..... .42

Bar Sash Lifts.

BM 13197—C Finish. Made of genuine wrought bronze metal, antique copper finish, polished.
Length of bar 3 in. Each .....25c.
Per doz..... $2.50

BM 13198 — A Finish. Made of genuine wrought bronze metal, natural bronze finish, highly polished. Length of bar, 3 in.
Per doz.....$2.25 Each.....20c.

BM 13200—Bar Handle Window or Sash Lift, L finish, antique copper plated; complete with screws. Weight, 4 oz. each. Each.....20c.
Per doz.....$2.00

Flush Sash Lifts.

BM 13220—Flush Sash Lift, M finish, size, 1½x3¼ in.; wrought steel plated, antique copper, sand finish. Weight, 10 oz. Each.....$0.09
Per doz..... .85

BM 13222—C Finish. Genuine cast bronze metal, antique copper finish, polished. Size 1¼x3¾ in. Packed with screws To match No. 12500, etc., lock sets. Doz. $3.74. Each, 35c.

BM 13223—B Finish. Genuine cast bronze metal, natural color, black background, polished raised surfaces. Size 1¼x3¾ in. Packed with screws. To match No. 12501 lock sets.
Per doz.....$3.75 Each.....36c.

BM 13224—C Finish. Genuine wrought bronze metal, antique copper finish, polished. Size 1¼x4 in. Packed with screws. To match No. 12515 lock sets. Each.....$0.12
Per doz..... 1.25

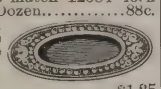
BM 13225—Flush Sash Lift, A finish, size, 1½x3¼ in.; wrought bronze, metal polished, natural bronze finish. Weight, 14 oz. per doz. Per doz.....$0.50 Each.....6c.

BM 13230—Flush Sash Lift, C finish, same as No. 13225, antique copper finish. Weight, 14 oz. per doz. Per doz.... $0.55 Each.....7c.

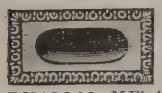
BM 13233—Flush Sash Lifts, A finish, wrought bronze metal, size, 1½x3¼ in., natural bronze finish, polished. Weight, 14 oz. per doz. Per doz.....$0.75 Each.....8c.

BM 13234—Flush Sash Lifts, C finish, same as No. 13233, antique copper finish. Each...$0.08
Per doz..... .83

BM 13237—M Finish. Plated antique copper, sand finish, size 1½x4½ in. Packed with screws. To match 12584 lock sets. Each.....**9c.** Dozen.....88c.



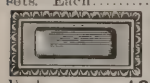
BM 13238—Flush Sash Lift, C finish, genuine wrought bronze, antique copper finish, polished, size 1¼x3¾. Each..**12c.** Per doz.....$1.25



BM 13239—L Finish. Plated antique copper finish, polished, size 1¾x3¼ in. Packed with screws. To match 12624 locks. Each.....**9c.** Per doz.....88c.

BM 13240—M Finish. Plated antique copper, sand finish, size 1½x4½ in. Packed with screws. To match 12595 lock sets. Each.....**9c.**

Per doz.....89c.



BM 13241—C Finish. Genuine wrought bronze, antique copper finish, size 1½ x3 in. Packed with screws. To match 12562 lock sets. Each.....**12c.** Per doz.....$1.25

Electric Push Buttons.

BM 13243—Electric Push Buttons, wrought bronze metal, D finish, antique copper sand finish, size, 4¾ x 2 in. Weight, 4 oz. Each.....**32c.**

BM 13245—C Finish. Genuine cast bronze metal. Antique copper finish. Size 2¼x5⅛ in. Packed with screws. To match 12500 lock sets. Each **$1.10**

BM 13246—B Finish. Genuine cast bronze metal, natural color, dark background, polished raised surface. Size 2¼x5⅛ in. Packed with screws. To match 12501 lock sets. Each.....**$1.09**

BM 13247—Genuine wrought bronze metal. Antique copper finish, polished. Size 1½x4 in. Packed with screws to match 12515 lock sets. Each.....**57c.**

BM 13248—M Finish, Plated antique copper, sand finish. Size 1½x4½ in. Packed with screws. To match 12584 lock sets. Each.....**39c.**

BM 13249—L Finish Plated antique copper finish, polished. Size 2¾x4½. Packed with screws. To match 15624 lock sets. Each.....**38c.**

BM 13250—M Finish. Plated antique copper, sand finish. Size 1½x4¼ in. Packed with screws. To match 12595 lock sets. Each.....**37c.**

BM 13251—C Finish. Genuine wrought bronze. Antique copper finish, polished. Size 2¼x4 in. Packed with screws. To match 12562 lock sets. Each.....**39c.**

BM 13252—C Finish. Genuine wrought bronze metal, antique copper finish, polished; size 2⅛ x 5½ in. Packed with screws. To match 12555 lock set. Each.....**57c.**

Sash Pull Plate.

BM 13265—L Finish. Antique copper plated; used in connection with pull-down hook; size, 2 in. Complete with screws. Per doz....$0.75 Each....**$0.08**

Sash Pull Hook.

BM 13275—L Finish. Antique copper plated, used in connection with 13265. We do not furnish the pole with these hooks. Per doz.....$1.25 Each.....**12c.**

Hand Rail Brackets.

BM 13278—Hand Rail Brackets, G finish. Made of iron, nicely finished and intended to fasten the hand rail against the wall on stairways, etc. Berlin bronzed finish. Packed complete with screws, size, 3½ in. Weight, 7 oz. Each.....**$0.08** Per doz.....**.78**

Stop Adjuster

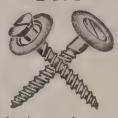
For windows and sliding doors.

Made from one solid piece of metal, with a thick bed that will not bend in tightening the screw, and a thin flange to admit of a close adjustment of screens, and also to prevent the screws from drawing it into the wood. It is neat and ornamental, affording a quick and simple adjustment of the shrinkage or expansion of window stops, doing away with unsightly weather strips and anti-rattler devices. To apply use ½-in. bit. Packed 1 dozen in a package, 1 gross in a box. We do not sell less than 1 dozen. We furnish screws to match.

BM 13280—Window Stop Adjuster. Bronze metal finish and screws. Weight, per doz. 4 oz. Per gross.....$1.67 Per doz.....**17c.**

BM 13281—Window Stop Adjuster. Antique copper finish and screws. Weight, per doz. 4 oz. Per gross.....$1.88 Per doz.....**20c.**

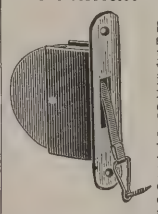
Screw Stops and Washers.



For fastening window and door stops, are neat, ornamental and easily applied. Put up in 1 gro. packages, complete with 1¼ in. screws to match. Screw is flush with top of washer.

BM 13282—Screws and washers (L finish), steel plated to imitate antique copper, polished. Per gro. **$0.81**
BM 13283—Screws and washers (M finish), steel plated to imitate antique copper, dull sand finish. Per gross.....**$.72**
BM 13284—Screws and washers (A finish), solid bronze, natural color, polished. Per gro. **$1.30**
BM 13285—Screws and washers (C finish), solid bronze, plated to imitate antique copper, polished. Per gross.....**$1.31**
BM 13286—Screws and washers (D finish), solid bronze plated to imitate antique copper, dull sand finish. Per gross.....**$1.32**

"Pullman" Sash Balances.



The Pullman Steel Frame Sash Balance for use instead of weights can be applied to old houses where weights cannot be used, as it requires no pocket or box frame, is easily put in, and operates almost noiselessly. This style of balance is becoming very popular. is very neat in appearance, works smoother and lasts longer than sash cord. If directions are fully carried out we will warrant the balance to work perfectly. Where there is not room enough to use a side balance we make a special balance for the top of the window, and can also be used in mullion windows.

BM 13300—Side Balance.

No. Length.	Weight, each sash.	Per set.
0—30 in.	4 to 5 lb.	$1.10
1—30 in.	6 to 7 lb.	1.18
2—30 in.	8 to 9 lb.	1.27
3—40 in.	10 to 11 lb.	1.38
4—46 in.	12 to 13 lb.	1.49
5—46 in.	14 to 15 lb.	1.65
6—46 in.	15 to 17 lb.	1.82
7—46 in.	18 to 19 lb.	1.97
8—46 in.	20 to 21 lb.	2.29
9—46 in.	22 to 23 lb.	2.48
10—54 in.	24 to 26 lb.	2.59
11—54 in.	27 to 29 lb.	2.70

BM 13301—Top Balance. Per set of 4.

No. Length.	Weight, each sash.	
4—46 in.	12 to 13 lb.	$1.50
5—46 in.	14 to 15 lb.	1.66

Transom Lifters.

BM 13310—Transom Lifters. This device enables you to raise or lower transoms at will with great ease and lock in any position; no other fastenings required; when ordering give size of transom and whether hinged at bottom or top. They are made from round iron rods, electro copper plated and nicely finished. For transoms hinged at top bottom or hung in the middle.

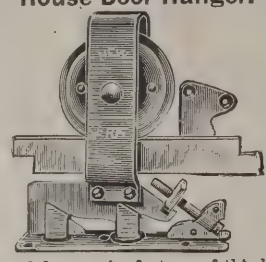
Length, 4 ft., diameter, ¼ in., bronzed Each. iron	$0.12
Length, 4 ft., diameter, 5/16 in., bronzed iron	.23
Length, 5 ft., diameter, 5/16 in., bronzed iron	.25
Length, 5 ft., diameter, ⅜ in., bronzed iron	.29
Length, 6 ft., diameter, 5/16 in., bronzed iron	.27
Length, 6 ft., diameter, ⅜ in., bronzed iron	.35
Length, 8 ft., diameter, ⅜ in. bronzed iron	.45

Steel Single Track Parlor Door Hanger, Anti-Friction.

Our guarantee goes with every hanger. As our guarantee is good, the hanger certainly must be, and we will tell you why it is. It is simple in construction, requiring but about one-third of the time that it takes to put up other makes. Wheels run on a straight track. Principal parts made of the best quality of steel. Is not subject to derangement. Center of wheels made of vulcanized fiber, the edge of which forms a rolling surface. Bearings are turned perfectly true, making it practically noiseless. The threaded hole in the hanger is countersunk, so as to insure an easy entrance of the adjusting screw. Hangers lacquered. Track nicely japanned. Packed complete with screws for all parts except the track. A set for double doors consists of 4 hangers and 14 ft. of track in 7-ft. lengths. A set for single doors consists of 2 hangers and 8 ft. of track. Weight, per set, with track, 28 lb. Per set.

BM 13320—Set for double doors.....**$2.73**
BM 13321—Set for single doors..... 1.40

House Door Hanger.



A few of the superior features of this hanger are as follows: It has an endless run and hence can be used for any width of opening without friction; the wheel is fitted with a vulcanized fiber disc, which presents a flat surface to the track, and hence is noiseless, and the roller bearings in same are made of the finest cold rolled steel shafting; the adjustment in this hanger is superior to that of any similar hanger on the market, as it is possible, first, to attach the hanger to the door without cutting or defacing it, and second, to adjust it without removing the jamb; we guarantee it to give entire satisfaction; it has roller bearing made of steel and to be used with single track. Packed with screws. Weight, per set, with track, 23 lb.

BM 13325—Full set complete, with 14 ft. of track. Per set.....**$2.60**
BM 13326—Half set complete, with 8 ft. of track. Per half set.....$1.35

Pendulum Door Hanger.

It is the only Trackless Hanger which can be put up at first sight by any ordinary mechanic, with half the labor required for other hangers. It is noiseless and smooth working. It cannot bind or stick. The weight of the door when closed comes directly over the "door jamb," and not over opening. This prevents cracking of plaster. It cannot settle out of level, as a few turns of an adjusting screw will make it run true. All joints are brass bushed and it is made heavy and strong. The wheels run on short metal plates, which cannot get out of true. Space required for hangers between top of door and the floor above is as follows: 3½ ft. doors, 16-in. space; 4½ feet doors, 20-in. space; 5½ ft. doors, 25-in. space.

BM 13335—Per set of four hangers, without screws:
For 2 to 3½ ft. doors.....**$3.12**
For 3 to 4½ ft. doors..... 5.40

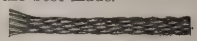
Sash Cord.

Weight, about 1 lb. per bundle. We do not sell less than one bundle.

BM 13350—Indian Hemp, unbleached. Length Inches. Size, Per lb. Per lb.
8-32 38 ft. **$0.14**
BM 13351—Indian Hemp, cable laid..... 7-32 46 ft. .13

Braided Cotton Cord.

Warranted the best made.



White braided sash cord is put up in bundles of 100 ft. We do not sell less than a bundle. Weight, 2, 2½, and 3½ lb. per bundle, approximately.

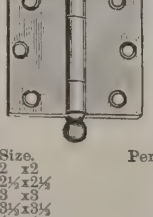
	Size inches.	Per lb.
BM13360—White Cotton, braided	7-32	**$0.31**
BM13361—White Cotton, braided	8-32	.30
BM13362—White Cotton, braided	10-32	.30

Ordinarily, these prices on Sash Cord are effective during the life of this catalogue, but in the event of extraordinary fluctuations we reserve the right to revise our prices.

Will always bill to you at very lowest market rates.

Steel Door Butts.

Polished Antique Copper.



BM 13646—L finish. Wrought Steel Loose Pin Butts, L finish, with ball tips, for right or left hand doors; polished antique copper-plated, with screws. Our sales of this butt are increasing daily, so we know the quality must be right, also price. Weights range from 4 oz. to 3 lb. per pair.

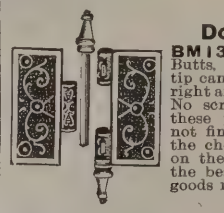
Size.	Per doz. pairs.	Per pair.
2 x2	$2.64	**$0.24**
2½x2½	2.84	.27
3 x3	3.30	.29
3½x3½	3.63	.33
4 x4	3.96	.36
4½x4½	4.45	.40
5 x5	5.37	.50

The above price is with screws.

Loose Pin Butts.

BM 13630—K Finish Butts, bronze plated with dark back ground, ornamental design, finely polished and finished. Packed complete with screws. Weights range from ¾ to 3 lb. per pair.

Sizes.	Per pair.
3 x3	**$0.26**
3½x3½	.28
4 x4	.32
4½x4½	.38
5 x5	.44



Door Butts

BM 13640—Cast Butts, loose pin, s tip can be used for right and left hand. No screws furnish these prices. You not find these but the cheap grade t on the market, bu the best of this cl goods made.

Sizes.	2x2	2½x2½	3x3	3½x3½
Weight, per pair (oz).	6	10	12	16
Per pair.	4c.	5c.	6c.	7c.
Per doz. pairs..	30c.	40c.	53c.	70c.

Wrought Steel Door Butt

BM 13645—L finish. Made of wrought steel, unpolished in antique copper-plated, with screws. For the price we ask this butt has no equal. Weights range from 6 oz. to 2 lb. per pair.

Size.	Per doz. pairs.	Per pair.
2 x2	$1.35	**$0.13**
2½x2½	1.50	.16
3 x 3	1.63	.17
3½x3½	1.76	.18
4 x4	2.17	.21

Steel Door Butts

JAPANNED.

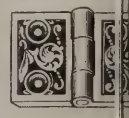
Wrought steel. Same style as C 13646; pin with ball tips, japanned finish and t screws furnished. Weights range from 6 2¾ lb. per pair.

BM 13647—Japanned Steel Butts.

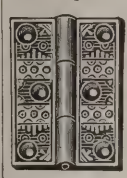
Size....	2½x2½	3x3	3½x3½	4x4	4½x4½
Per pair	$0.07	$0.08	$0.09	$0.11	$0.14
Per doz. pairs..	.74	.87	.99	1.23	1.49

Inside Shu Butts.

BM 13660— Shutter Butts, K fast joint; size, complete with s Weight per pair, Per doz. pairs....$1.25 Per pair.....



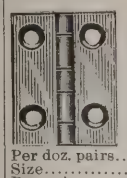
BM 13665—L Finish Antique Copper-plated Inside Shutter Butts, fast joint, size, 1¼x2 in., complete with screws. Weight per pair, 2 oz. Per pair.....**15c.** Per doz. pairs.....$1.50



BM 13670—Inside S Butts, K finish, fast size, 2¼x1¾; complet screws; weight, per 4 ozs. Per pair..... Per doz. pairs.....

BM 13675—L Finish Antique Copper-plated Inside Shutter Butts, fast joint, 2¾x1¾ in., complete with screws. Weight per pair, 4 oz. Per pair.....**18c.** Per doz. pairs.....$1.95

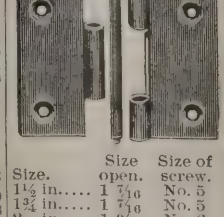
Brass Butts.



BM 13700—Wrought Butts.

Size.....	¾x¾
Weight, per pair,	2
Per pair.....	$0.02
Per doz. pairs....	.17
Size.....	1¼x¾
Weight per pair..	4
Per pair.....	$0.03
Per doz. pairs.....	.27
Size.....	1¾x1½ 2x1¼ 2¼x1¾
Per pair.....	$0.05 $0.07 $0.10
Per doz. pairs...	.43 .51 .95

We do not furnish screws at above pric

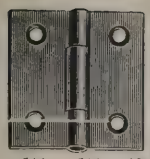


Narro Steel Butts

BM 137— Wrought loose pin narrow bu screws nished. V range fro to 4 oz. p

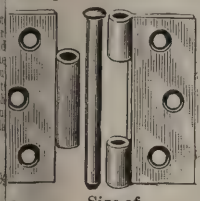
Size.	Size open.	Size of screw.	Per doz. pairs.
1½ in....	1 7/16	No. 5	$0.21
1¾ in....	1 7/16	No. 5	.23
2 in....	1 9/16	No. 6	.25
2¼ in....	1 11/16	No. 6	.31
2½ in....	1 11/16	No. 6	.34
3 in....	2	No. 6	.42

Narrow Butts.



BM 13750—Wrought-n Butts, fast joint No ews furnished.

e. in	1	1¼	1½	1¾
ight per pair, oz.	2	2	2	2
doz. pairs	$0.11	$0.15	$0.17	$0.20
pair	.02	.02	.02	.02
e. in	2	2¼	2½	3
ight per pair, oz	4	5	7	8
pair	$0.03	$0.03	$0.03	$0.04
doz. pairs	.23	.28	.29	.37



BM 13755—Wrought Steel Reversible Butts; much stronger and better than iron, with plan-ished surface. Same as C 13740 but much heavier. The price given is without screws. Weights range from 10 to 28 oz. per pair.

e screw.	Size of	Per doz. pairs.	Per pair.
n. x2½	No. 10.	$0.53	$0.06
x3	No. 10.	.56	.07
x3½	No. 11.	.83	.08
x4	No. 11.	1.05	.10
x4½	No. 12.	1.27	.12

Light Loose Pin Butts.

BM 13756 — Wrought Steel Light Loose Pin Butts, L Finish with ball tips. Antique copper finish, with screws. Made only in the two sizes used mostly on cabinet work, china closet doors, etc. With screws.

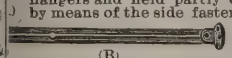
Size open.	Per doz.	Per pr.
2 x2	$1.40	$0.14
2½x2½	1.51	.17

Hangers and Fasteners.

OR STORM, SASH AND WINDOW SCREENS.

BM 13765—Steel Hangersand Fasteners for storm sash and suitable also for full size window screens. Illustration (A) shows the top hangers, (B) the side fasteners and (C) illustrates the sash fitted with hangers and held partly open by means of the side fasteners.

(C)



(B)

Are easily applied and permit the to be swung out the bottom for ventila-, or when cleaning the window. Can readi-e unhooked and taken down in the summer being made entirely of steel are practically reakable. A set consists of 1 pair top hang-and 2 side fasteners, complete for one win-. packed with screws. Japanned finish. table only for sash that is no thicker than outside casing, cannot be used where the sash projects beyond the casing, as the sash must be flush with outside casing.

Per set ..... **17c.**
Per doz. sets $1.55

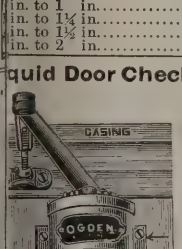
Double-Acting Spring Hinges.

Payson's "Oblique."

BM 13775—This is a strong, reliable hinge, has a soft but positive action, easily applied and cannot get out of order. The coiled spring is entirely concealed from view and is readily adjusted to any tension. Weights range from 4¼ to 17 lbs. per pair.

Thickness of door.	Per pair. Japan-ned.	Per pair. Old copper.
in. to 1 in.	$0.76	$1.75
in. to 1¼ in.	.90	2.15
in. to 1½ in.	1.50	3.00
in. to 2 in.	2.67	4.00

quid Door Check and Spring.



A combined Check and Spring which automatically closes the door and keeps it constantly under control. Is simple in construction, cannot easily get out of order and can be used on either right or left hand doors.

Has an automatic regulating valve, a great improvement over the old style regulating screw and which perfectly controls and regu-s the action of the check and the movement he door under all conditions. The liquid in check is an anti-freezing oil, which also ves as a perfect lubricant. Thousands of se checks in use in many of the prominent ce buildings, schools, residences, etc., oughout the country. Gold bronzed finish. lly guaranteed.

M 13805—Size A, for light inside doors, up 2 ft. 6 in. x 7 ft. Weight, 7¼ lb. Each..**$2.25**
M 13806—Size B, for heavy inside doors, up to 2 9 in x 7 ft. Weight, 8 lb. Each..... $3.00
M 13807—Size C, for extra heavy inside doors d outside doors, up to 3 ft. x 7 ft. 6 in. Weight, lb. Each..... $3.67
M 13808—Size D, for doors up to 3 ft. 6 in. x t. 6 in. Each..... $4.40
heabove is correct under normal conditions, t if door is subject to strong draughts we ad-e the use of a larger check.

Chest Hinges.

BM 13744—Wrought Steel Chest Hinges, patent riveted. No screws furnished. Weights 5 and 8 oz. per pair.

Size	1½ in.	2 in.
Inside of bend to center of pin.	15/16 in.	1 in.
Size of screw used	No. 8	
No. of screw holes in each	8	8
Per pair	$0.05	$0.07
Per doz. pairs	.37	.55

BM 13746—Wrought Steel Back Flaps, patent riveted, 6 screw holes. No screws furnished. Weights range from 2 to 7 oz. per pair.

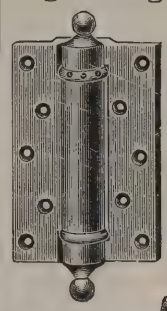
Width, in	¾	⅞	1	1⅛
Length, open	2¾	2¾	2¾	3
Size screw used	6	6	6	6
Per pair	$0.03	$0.03	$0.03	$0.04
Per doz. pairs	.19	.20	.21	.25
Width, in	1¼	1⅜	1½	2
Length, open	3¼	3¼	3½	4⅜
Size screw used	7	7	8	8
Per pair	$0.04	$0.04	$0.04	$0.04
Per doz. pairs	.23	.25	.26	.38

Double-Acting Blank Hinges.

BM 13776—These hinges are made to swing both ways, like the C 13775 spring hinges, but are blank; that is, without a spring. They are used on light doors where one spring hinge is sufficiently strong to work the door. We can furnish at one-half the price per pair of C 13775 spring hinges. Weights range from 1¼ to 7½ lbs. per pair.

Single-Acting Spring Hinges.

Improved.

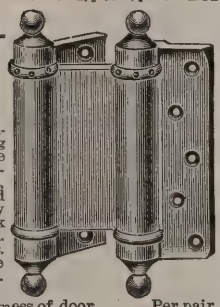


BM 13777—Spring Hinges, single-acting to swing one way, and reversible for either right or left hand doors. Have adjustable covered tension spring and are strongly and substantially constructed. Without screws. Black japanned finish. Weights range from 1½ to 9½ lbs. per pair.

Size.	Thickness of door.	Per pair.
3 in.	⅜ to 1 in.	$0.48
4 in.	⅞ to 1¼ in.	.61
5 in.	1 to 1½ in.	.75
6 in.	1⅛ to 1⅜ in.	1.00
8 in.	1⅜ to 2¼ in.	1.81

Double-Acting Spring Hinges.

Improved.



BM 13785—Spring Hinges, double-acting to swing both ways. Have adjustable, covered tension springs, are easily applied and substantially constructed. Black japanned finish. Without screws. Weights range from 3 to 17 lbs. per pair.

Size.	Thickness of door.	Per pair.
3 in.	⅜ to 1 in.	$0.87
4 in.	⅞ to 1¼ in.	1.10
5 in.	1 to 1½ in.	1.37
6 in.	1⅛ to 1⅜ in.	1.85
8 in.	1½ to 2¼ in.	3.00

Floor Spring Hinges.

Ball Bearing.

BM 13790 — Floor Spring Hinges, double-acting, to swing both ways. Each hinge is carefully inspected at the factory and adjusted to the proper tension; which however, can be changed if desired, without removing the door. Easy acting and noiseless.

For doors. Thickness.	Ivory, black finish.	H finish, bronze plated.	L finish, antique copper.
⅞ to 1½ in..	$1.21	$1.52	$1.63
1⅜ to 2 in..	1.52	1 83	1.98
2 to 2½ in..	1.83	2.15	2.35

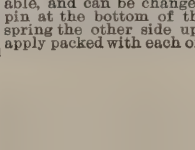
Prices are per set, including bottom hinge, top socket and pin, complete with screws to match. **Always give thickness of door and state finish wanted when ordering.**

Screen Door Spring Hinges.

BM 13800—It is made of iron, nicely japanned, has a covered spring and will hold the door when wide open. No screws furnished at this price. Weight, 13 oz.

Per pair **$0.08**
Per doz. pairs ..... .81

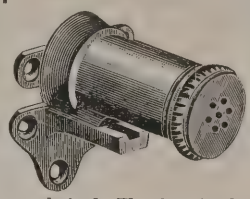
Door Springs.



Eclipse Door Spring is suitable for either right or left hand doors. The spring is made of clock-spring steel, extra heavy, and of the finest quality. It is so arranged that the tension is adjustable, and can be changed by withdrawing the pin at the bottom of the case and turn the spring the other side up. Directions how to apply packed with each one.

BM 13820—Suitable for wide inside or narrow outside doors; weight, about 3½ lb. Tuscan bronzed. Weight, 4 lb. 2 oz. Each..... **92c.**
BM 13824—Suitable for heavy outside doors; weight, about 6 lb. Tuscan bronzed. Each $1.20

Eclipse Door Check.



Eclipse Door Check. This is a sure preventive for the slamming of doors. They are packed with detachable feet, so that the same check can be used on door, or on the casing as desired. The foot is also arranged that the cylinder may be properly adjusted in or out to suit the doors differently set in the frame. By screwing cap on end of cylinder, the check can be instantly varied for light or heavy draft.

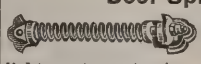
BM 13830—For ordinary doors; diameter of cylinder, 1⅛ in., Tuscan bronzed. Weight, 2¾ lb. Each..... **$1.20**
BM 13834—Suitable for heavy doors; diameter of cylinder, 2 in. Tuscan bronzed. Weight, 7½ lb. Each..... $1.60

Screen Door Check.

BM 13837—Door Check for screen doors or light storm doors. Compact, simple and durable. Can be used on either right or left hand doors. The check is made from steel with a tube of polished brass. Each one is thoroughly tested and warranted for screen doors, but is not intended for heavy doors. A valuable little device, and prevents the annoying slamming of doors. Weight, 1 lb.

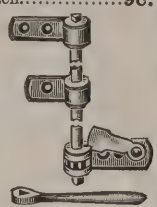
Each ..... **45c.**

Door Springs.



BM 13840 — Made of coiled steel spring, japanned, and can be adjusted to a light or strong tension. The extreme length is 10 in. Weight, 8 oz.

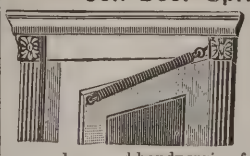
Per doz ..... 90c. Each..... **9c.**



BM 13845 — Torrey's Patent Japanned Steel Rod Screen Door Spring, weight, 8 oz. Length rod, 38 in.

Each..... **12c.**
Per doz..... $1.33

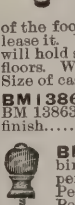
Coil Door Spring.



This Spring is made from highest grade crucible steel and is fastened to door and casing by screw hooks as are shown in cut. It makes a very cheap and handy spring for screen doors, etc. The total length is 16 in. We can furnish it in 3 sizes. The 9/32 in. we recommend for medium size and screen doors. The ⅜ in. for heavy doors.

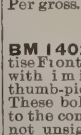
BM 13850—Size, ¼ in. diameter, 16 in. long for screen doors. Weight, 2 oz. Each...**$0.03**
Per doz ..... .33
BM 13851—Size, 9/32 in. diameter, 16 in. long for medium doors. Weight, 3 oz. Each..**$0.04**
Per doz ..... .38
BM 13852—Size, ⅜ in. diameter, 16 in. long for heavy doors. Weight, 4 oz. Each....**$0.05**
Per doz ..... .46

Little Giant Door Holder.



The "Little Giant" Door Holder combines simplicity of construction with a powerful action. It is easily operated with the foot, making stooping unnecessary. A gentle tap with the foot upon the crank will throw the rubber end in position, thus securely holding the door at any angle and a slight pressure of the foot upon the crank will instantly release it. Will not injure polished floors and will hold securely on tiling, marble or carpeted floors. Weight, 12 oz. each.

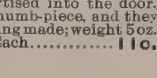
Size of case, 1⅞ in. x 4½ in.	Each.	Doz.
BM 13862—Tuscan bronzed..	**28c.**	$2.85
BM 13863—Antique copper finish	55c.	6.00



BM 13873—Base Knobs or door stops, birch, 2½ in., with rubber tip. Weight per dozen, 16 oz. Each..... **$0.02**
Per doz ..... .16
Per gross 1.85

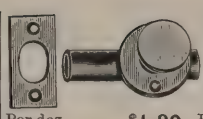
BM 13875—Same as No. 13873, walnut. Weight per dozen, 16 oz. Each..... **$0.03**
Per doz ..... .20
Per gross 2.08

Mortise Door Bolts.



BM 14025—Iron Mortise Front Door Bolts, 3x3, with imitation bronze thumb-piece and rose. These bolts are preferable to the common outside barrel bolt, as they are not unsightly, being mortised into the door. Nothing shows but the thumb-piece, and they are the most secure fastening made; weight 5 oz.

Per doz..... **$1.15** Each..... **11c.**



BM 14026—Mortise door bolt (A finish), with solid bronze metal knob and escutcheon, natural finish, highly polished. Weight 6 oz.

Per doz..... **$1.90** Each..... **18c.**

BM 14027—Mortise door bolt (C finish), with solid bronze metal knob and escutcheon, antique copper finish, polished. Weight 6 oz.

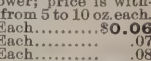
Per doz..... **$2.05** Each..... **20c.**

Iron Door Bolts.

BM 14030—Wrought-Iron Barrel Door Bolts, japanned; the strongest and best bolt in the market, with bent staple, which gives it greater resisting power; price is without screws. Weights range from 5 to 10 oz. each.

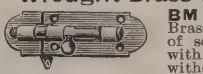
4 in. Per doz.....	$0.52	Each..... **$0.06**
5 in. Per doz.....	.55	Each..... .07
6 in. Per doz.....	.75	Each..... .08

BM 14035—Door Bolts, cast-iron, japanned, with brass knobs.



Sizes	4 in.	5 in.
Weight, each	8 oz.	9 oz.
Each	$0.05	$0.06
Per doz	.35	.52

Wrought Brass Barrel Bolts.



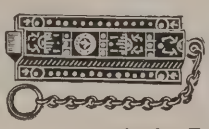
BM 14036 — Wrought Brass Barrel Bolts. Made of solid brass, polished, with bent staple. Price is without screws. Weights range from 8 to 12 oz. each.

Length	4 in.	5 in.	6 in.
Each	$0.25	$0.28	$0.36
Per doz	2.50	2.95	3.60

Foot Bolt.

BM 14038—Foot Bolt, K-finish bronze plated, 6 in., extra heavy, with strike plate. Packed complete, with screws; weight, 1 lb. Each..... **31c.**
Per doz $3.30

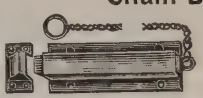
Chain Bolt.



BM 14039—Chain Bolt for top of door, K-finish, bronze-plated, 6 in., extra heavy, with strike plate; weight, 1 lb.

Each..... **32c.**
Per doz..... $3.31

Chain Bolts.



BM 14042—Chain Bolts, H-finish, bronze-plated natural color, polished, for top of doors.

Length 6 in.	Each... **40c.**	Per doz...	$4.45
Length 8 in.	Each... **45c.**	Per doz...	5.25

BM 14043 — Chain Bolts, L finish, antique copper-plated, polished.

Length 6 in.	Each... **50c.**	Per doz...	$5.18
Length 8 in.	Each... **52c.**	Per doz...	5.82

Foot Bolts.

BM 14044—Foot Bolts, H finish, bronze-plated, natural color, polished; for bottom of door.

Length 6 in.	Each... **33c.**	Per doz...	$3.46
Length 8 in.	Each... **35c.**	Per doz...	4.00

BM 14045 — Foot Bolts, L finish, antique copper-plated, polished.

Length 6 in.	Each... **38c.**	Per doz...	$4.20
Length 8 in.	Each... **45c.**	Per doz...	4.80

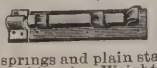
Extension Flush Bolts.

BM 14062—L finish. Heavy extension flush bolts. **Antique copper finish, polished.** Size of plate 1¼x6⅜ in. With ½ in. square bolt. Can be used equally well for either top or bottom of door. With flush lever, nothing to project from the door. Length, 12 inches.

Each..... **87c.**

BM 14063—M finish. Same size and style as above but is **antique copper sand finish.** Length, 12 in. Each..... **92c.**

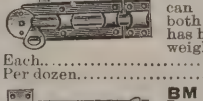
Square Door Bolts.



BM 14075 — Wrought-Iron Square Door Bolts, with japanned plates and polished bolts, steel springs and plain staple. No screws furnished at this price. Weights range from 6 to 9 oz. each.

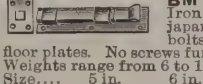
Size	4 in.	5 in.	6 in.
Bolts	5/16 in. sq.	⅜ in. sq.	½ in. sq.
Each	$0.06	$0.06	$0.07
Per doz	.67	.70	.77

Barn Door Bolts.



BM 14085—Barn Door Bolts, japanned iron. This bolt is very handy; can be operated from both sides of the door; has heavy bolt 8 in. long; weighs 2 lb.

Each..... **17c.**
Per dozen..... $1.80



BM 14090 — Wrought-Iron Bottom Bolt, with japanned plates, polished bolts, steel springs and floor plates. No screws furnished at this price. Weights range from 6 to 16 oz. each.

Size	5 in.	6 in.	7 in.	8 in.
Bolts	⅜ in sq.	⅜ in. sq.	½ in. sq.	½ in. sq.
Each	$0.07	$0.08	$0.10	$0.12
Per doz.	.70	.77	1.00	1.25

Steel Shelf Brackets.

BM14100—Wrought-Steel Japanned Shelf Bracket; is much stronger than the iron bracket and costs no more. Weights range from 8 to 24 oz. per pair.

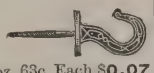
Size, in.	Per doz. pairs.	Per pair.
4x 5	$0.33	$0.04
6x 8	.64	.07
7x 9	.86	.09
8x10	.92	.10
10x12	1.25	.13

Folding Steel Brackets.

BM14108—Folding Steel Shelf Brackets are indispensable in many places where a shelf is not in constant use. Locks automatically when lifted up and folds down against the wall when not in use. As easy to operate as a table leaf and a boon to housekeepers for kitchen, pantry, and sewing-room shelves. A pair of any size will easily support 500 lbs.; made entirely of wrought-steel, finely japanned. (Screws not included.) We ghts range from 1¼ to 4 lb. per pair.

	Per doz.	Per pair.
Size, 8 in. x 8 in....	$2.25	$0.20
Size, 12 in. x 12 in....	3.38	.30
Size, 16 in. x 16 in....	5.60	.49

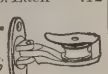
Chandelier Hooks.



BM14275—Chandelier or Lamp Hooks, made of iron with wrought screw, Tuscan bronzed. Weight, 8 and 10 oz. each.
Length of screw, 4 in. Per doz., 63c. Each. $0.07

BM 14276—Chandelier or Lamp Hooks, made of iron with wrought screw and patent safety snap hook. Tuscan bronzed. Weight, 10 and 12 oz. each.
Length of screw, 4 in. Per doz., $1.05. Each $0.10
Length of screw, 6 in. Per doz., 1.16. Each .12

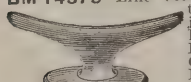
Clothes Line Pulleys.



Jointed on plate.
BM14356—Galvanized. Weight, 5 oz. Each..... $0.07
Per doz..... .73

Line Cleat.

BM 14375—Line Cleats. Length from tip to tip of horn, 2 in., japanned.



Each..... $0.02
Per doz..... .15
Galvanized.
Each..... .03
Per doz..... .25

Ceiling Hooks.

Wire ceiling hooks, gimlet pointed, to screw in top of wardrobes, closets, etc. Width, 3 in. Weight per dozen, 14 oz.
BM14230—Japanned.
Per dozen..... $0.10
Per gross..... .93

BM14232 — Cast Iron Ceiling Hooks, screw pointed. Width, 3 in. Weight per dozen, 14 oz. Japanned.
Per doz..... $0.07
Per gross..... .72

Sash Rollers.

BM14350—Japanned Iron. Weights range from 1 to 3 oz. each.

Diam. of roller.	¾ in.	⅞ in.	1 in.
Size of plate...	¾x1½	⅞x2	1x2¼
Per gross.....	$1.10	$1.32	$1.87	$2.40
Per doz.....	.12	.15	.20	.25

Clothes Line Hooks.

BM 14150—Clothes Line Hooks, japanned, heavy. Weight, 4 oz.
Each..... $0.03
Per doz..... .22
BM14151—Galvanized Clothes Line Hooks. Weight, 4 oz. Each..... $0.04
Per doz..... .33

Hammock Hooks.

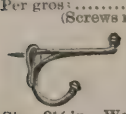
BM 14160—Hammock Hook; a new pattern. The heavier the weight the more firmly it holds. No tying, no fastening. The hammock can be removed in an instant. Weight, 11 oz. Each, tinned, with plate, like cut..... 12c.

Hat and Coat Hooks.

BM14185—Extra Heavy Schoolhouse Hooks, japanned. Size, 2½ in. Weight per dozen, 3 lb. 2 oz.
Per doz..... 20c.
Per gross..... $2.00
(Screws not included.)

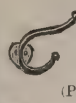
BM 14186—Extra Heavy Schoolhouse Hooks, japanned. Size, 2½ in. Weight, 3¼ lb. per dozen.
Per doz..... 25c.
Per gross..... $2.50
(Screws not included.)

BM 14190—Iron Hat and Coat Hooks, japanned. Size, 4 in. Weight per dozen, 1¼ lb.
Per doz..... 12c.
Per gross..... $1.25
(Screws not included.)



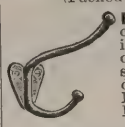
BM 14193—Iron Hat and Coat Hooks, japanned. Size, 2½ in. Weight per dozen, 1 lb.
Per doz..... $0.08
Per gross..... .75

BM14194—Same pattern. Size, 3½ in. Weight per dozen, 1¼ lb.
Per gross..... 1.00 Per doz..... 10c.

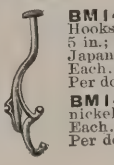


BM14197—Solid Bronze Metal Hat and Coat Hooks, highly polished. Size, 3½ in. Weight per dozen, 2 lb. 2 oz.
Per doz..... $1.70
(Packed with screws to match.)

BM14205—Iron Hat and Coat Hooks. Ornamental, Berlin bronzed. Size, 4 in. Weight per dozen, 2 lb.
Per doz..... 35c.
Per gross..... $3.96
(Packed with screws to match.)

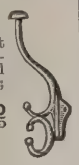


BM 14206 — Wrought steel coat and hat hooks, highly polished and finished in antique copper, packed with round head screws to match. Weight per doz. 2 lb. Size, 3½ in.
Per doz..... $0.58
Per gross..... 6.65



BM14212—Large Hat and Coat Hooks, total length 9½ in.; projection 5 in.; weight per dozen, 6 lb. Japanned finish.
Each..... $0.06
Per dozen..... .55

BM14213—Same as above, bright nickel finish.
Each..... $0.08
Per dozen..... .82



BM14214—Large Hat and Coat Hooks, heavy and strong, finely finished in **Antique Copper;** total length 9½ in.; projection, 4½ in.; weight per dozen, 7 lb.
Each..... $0.10
Per dozen..... 1.05

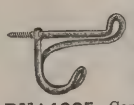
Coat and Hat Hook.

BM14220—Made of iron, German bronzed, (brown color) and consists of a back or frame, with five adjustable triple hooks, each measuring 9 in. long. Hooks can be swung back against the wall when not in use. A very compact hook, taking up but little space and has a large capacity. Weight, 2 lb. each.
Each..... 20c. Per doz..... $2.00

Hall Stand Hooks.

Ornamental hooks for hall stands, etc., nicely finished and neat design. Full size of hook, 8½ in.; packed complete with screws to match. Weight, 1 lb. each.
BM14222—Bronze plated.
Each..... $0.16
Per dozen..... 1.68
BM14223—Old copper finish. Each .17
Per dozen..... 1.75

Wire Hat and Coat Hooks.



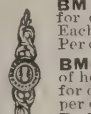
Wire Hat and Coat Hooks, having gimlet screw points, they are easily put up or removed, no extra screws or tools being required. Weight per dozen range from 7 to 12 oz.

BM14225—Coppered.

Size..... inches	2¼	3	3½
Per dozen.....	$0.06	$0.07	$0.08
Per gross.....	.60	.66	.83

BM14226—Japanned.

Size..... inches	2¼	3	3½
Per dozen.....	$0.06	$0.07	$0.09
Per gross.....	.65	73	.88



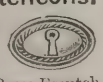
BM14573—Made of heavy cast brass; for drawers. Weight per dozen, 8 oz.
Each..... $0.04
Per dozen..... .30

BM4575—Made of heavy cast brass; for doors. Weight per dozen, 8 oz.
Each..... $0.10
Per doz..... .90

BM14575. BM14573.

Stamped Metal Escutcheons.

BM14578—Made of sheet brass for drawers. Weight per dozen, 1 oz. Each..... $0.04
Per doz..... .30



BM 14585—Round Brass Escutcheons, for small boders, drawers, etc. Weight per dozen, 1 oz.

Diameter.	Per gross.	Per doz.
¾ in.	$0.42	$0.05
1 in.	.54	.06

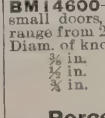
Brass Knobs.

BM14600—Made of polished cast brass, for small doors, drawers, etc. Weights range from 2 to 4 oz. per doz.

Diam. of knobs.	Per doz.	Each.
⅜ in.	$0.15	$0.03
½ in.	.18	.04
⅝ in.	.25	.05

Porcelain Shutter Knobs.

With loose screw.

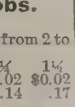


BM14605—Weights range from 2 to 16 oz. per doz.

Size, in	⅝	1	1¼	1½
Each	$0.01	$0.01	$0.02	$0.02
Per doz.	.10	.11	.12	.14	.17

BM14610—Flush Brass Pulls for small drawers. Weight, 1 oz. each.

Size	1	1¼ in.
Weight	2 oz.	2 oz.
Each	$0.08	$0.09
Per doz.	.75	.85



Brass Lifting Handles.

BM14620—½ Brass Lifting Handles.

Size.	Weight per pair.	Per pair.
2½ in.	3 oz.	$0.20
3 in.	4 oz.	.24

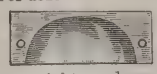
Drawer Pulls.

BM14655—Drawer Pulls (G finish), made of cast iron, German bronzed, brown color, ornamental design, width 4 in. Weight per dozen 2 lbs. With screws to match. Each, 3c.
Per dozen..... 22c. Per gross..... $2.25

BM 14660 — Drawer Pulls (H finish), made of cast iron, bronze plated with black background, polished raised surfaces. Width 3½ in., weight per dozen 1¼ lbs. With screws to match. Each..... $0.05
Per dozen..... 45c. Per gross..... 4.70

BM14668—Drawer Pulls (A finish), genuine wrought bronze, natural color, highly polished. Size 3½ in., weight per dozen 14oz. Each..... $0.07
Per dozen..... 55c. Per gross..... 5.95

BM14669—Drawer Pulls (C finish), genuine wrought bronze, antique copper finish, dark color, polished and relieved. Size 3½ in., weight per dozen 14 oz. Same pattern as C14668. Each..... $0.07
Per dozen..... 60c. Per gross..... 6.50



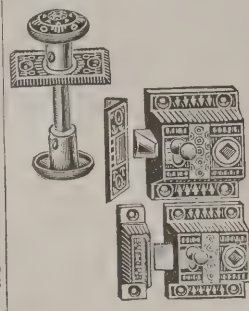
BM 14678—Drawer Pulls, made from wrought steel, bronze plated, naturalcolor, polished, to imitate real bronze. Size 3½ in., weight per dozen 20 oz. Each..... $0.04
Per dozen..... 32c. Per gross..... 3.00

BM14679—Drawer Pulls (L finish), made of wrought steel, bronze plated to imitate dark antique copper. Size 3½ in., weight per dozen 20 oz. Same pattern as C14678. Each, $0.05
Per doz..... 35c Per gross..... $3.25

Screen Door Catches.

BM 14800—Screen Door Catches, Boston finish on plain surface, 2¼x2⅜ in., for doors ⅞ to 1¼ in. thick; size of knobs, 1⅜; size of knob plate, 3⅛ x 1⅜; reverse bevel with bent strike with patent no-friction bolt, packed complete with screws. Weight, 10 oz. et. Each. 40c.

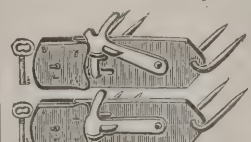
BM 14801—Screen Door Catches, same as BM14800, antique copper finish. Weight, 10oz. te. Each..... 48c.



BM 14802—Screen Door Catches. Ithas bronze plated surfaces with dark background; size, 2¼ x 1⅜, for doors ⅞ to 1⅜ inches thick; complete with knob. This pattern has a reverse bevel. Be careful and examine cuts when ordering and not order the wrong one. Packed complete with screws. Weight 8 oz. set.
Each..... 25c.

BM14803—Screen Door Catch, same style and finish as above, only with regular bevel latch; size, 2¼x1⅝, for doors ⅞ to 1⅜ in. thick; complete with knobs and packed with screws. Weight, 8 oz. set. Each..... 26c.

Combination Hasp and Padlock



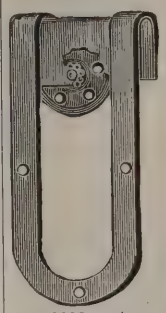
BM12145—Combination Hasp and Lock, self-locking, is cheaper and more convenient than a padlock, and just as secure; can be used as hasp and staple by putting the staple in the upper slot. With the staple in the lower slot, it is self-locking, the key being required to unlock it; complete with one key and two tinned staples. Size, 6 in.; weight, 10 oz. Each..... $0.18
Size, 8 in.; 12 oz. Each..... .25

Steel Sliding Door Latch, with Attachment for Lock.

RIGHT OR LEFT HAND.

Illustration shows outside and inside view.
This cut represents a combination of an Automatic Sliding Door Latch with Attachment for lock. It is so simple in construction that it can be attached to the door without the aid of a mechanic, thus saving trouble and expense. It is strong and durable. The latch can be thrown back, leaving the edge of the door clear. It has an inside latch and pull. We do not furnish the padlock or screws at this price, only the latch, which weighs 1½ lbs.
BM 12255—Each..... 19c.

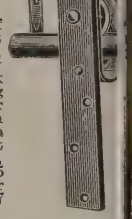
Roller-Bearing Barn Door Hangers.



This hanger is n heavy and, as shown cut, has roller beari same as high-priced t le blocks; will r door any distance, we guarantee them last a lifetime.
We have tested rollers for one year a weight of 3,000 lb., ning 10 hours per da 60 revolutions per ute, without showing wear.
BM12200—Will c any size door. For able rail see BM12 Screws or bolts not cluded. Per Pair ..5 Per doz. pairs.....
BM12201—Rol Hanger, same styl BM 12200, but smaller in size; will car door up to 600 lb. in weight. For suitable see BM 12213. Screws or bolts not incl
Per pair.....
Per doz. pairs.....

Tubular Track Hangers.

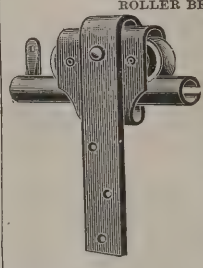
ROLLER BEARING.



BM 12204—Made of wrought-steel with light running roller bearings, and can be used in any length of track. The track is of tubular steel, making it stiff and rigid. Hanger can not be derailed. Each pair packed complete in a box with bolts. Per (set without track) .....98c.
Per doz. sets.....$.1125
For the proper track for above hangers see BM12207

Tandem Hangers.

ROLLER BEARING.

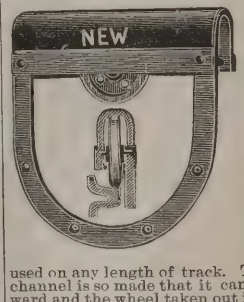


BM 12206—dem Tubular Hanger ma steel, is a fle swinging han suitable for doors, and car be derailed. two wheels light running bearings, and used in any l of track. Eac is packed con in a box with Per set (wit track)..... Per doz. sets..

Tubular Steel Track.

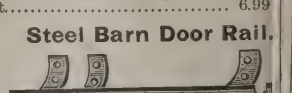
BM 12207—Tubular Steel Track, con with adjustable brackets. For BM 1220 BM 12206 Hangers. Lengths 4, 6, 8, (screws not included). Per foot .....

Steel Barn Door Hanger



BM 12: The channel axle of rolls in piece, f to allo axle of to revo its cha makes feet rid and al axle to wide b surface. wheels ing on t prevent and c used on any length of track. The unde channel is so made that it can be bent ward and the wheel taken out if desired wheels cannot jump the track. The wh covered to protect them from snow a Use 5/16 bolts to fasten hangers to doo screws or bolts furnished at prices quo low. The prices quoted are for hange without rail. Weights range from 5½ t pair. Per doz.
No. 5 For doors having run of 6 ft..... $5.83
No. 10 For doors having run of 10 ft..... 6.99

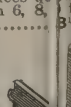
Steel Barn Door Rail.



BM 12213—Steel Bracket Barn Do For the Perfection Anti-Friction Ba Hanger and Roller Hangers, having a wheel. For putting up the rail use screws, or No. 12 wood screws. No lag or wood screws furnished at prices qu very strong, 5/16x1 in. Made in 6, 8, lengths. Per ft.....

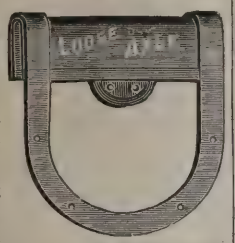
Steel Barn Door Rail.

FOR HINGE DOOR HANGERS.



BM 12225—Made of round edge steel 1¼ in. by ⅜ in. Has substantial steel brackets, countersunk for screws and is strong enough to hold any door. Made in lengths 4, 6, 8 and 10 ft.
Per foot.....4½c.
(Screws not included with rail.)

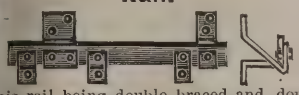
onk's Anti-Friction Hanger.



12215—In Steel Cover- nti-Friction n Door Hang- ou have all desirable ures of the hanger in market, and that we com- the cover wheels which vents trouble snow and This cover stiffens the ger. They made with e axle, so that when the wheel reaches the of the run it comes against the strap, mak- the wheel revolve in the hub and prevent- any wear in the rider bar at the end. All nk's Hangers are marked with a gauge to them up by. We sell more of these hangers n all the others put together; no screws or s furnished. The price quoted is for hang- without rail. Weights range from 9 to b. pair.

	Per doz.	Per pr.
For 5-ft. run	$6.32	$0.58
For 8-ft. run	7.78	.70
For 10-ft. run	9.36	.85
For 15-ft. run	11.05	1.00

onk's Double Braced Steel Rail.



his rail being double braced and double ted is the strongest rail in the market. Be- braced both ways it will not sag. The joint is de so it is perfectly solid. It comes complete t ready for use, requiring only screws and w driver for any man or boy to put it up in rt order. It can be used for any grooved el hanger, and a heavy door will not make pring or tremble. Guaranteed to hold a r weighing 2,000 lb. If 1¼x10 screws or e nails are used it will hold any door made. be used with Cronk's Hangers. No screws nished. Made in 6, 8 and 10 ft. lengths.

M 12220—Cronk rail. Per ft. ..... **3½c.**

Check Back Barn Door Hanger.

BM 12230 — Check Barn Door Hangers. Use ⅝ bolt or No. 18 screws (see BM 14920) to fasten hangers to doors. No bolts, rail or screws furnished at prices quoted.

Size of wheel:

3 in., per pair **$0.25**

4 in., per pair ..... .45

Weight per pair, 3 in., 4 lb.

Weight per pair, 4 in., 6 lb.

BM 12231—Iron Rail, double flange barn door rail in 2-ft. lengths. Use No. 12 screws (see BM 14920) for the rail. Two screws required for each foot of rail. No screws furnished at prices quoted. Weight, 1 lb per length. Per ft. in 2-ft. lengths ..... **2¾c.**

Hinge Joint Hangers.

ROLLER BEARINGS.

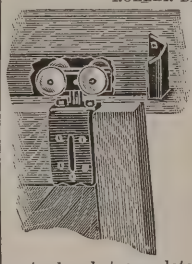
BM 12224—Our new Hinge Joint Barn Door Hanger is made entirely of steel, with the exception of the wheel. Has steel roller bearings and is suitable for any size door or any length of run. The hinge joint makes the hanger flexible and prevents the door from binding. It is impossible for the hanger to be thrown off the track as it s constructed with a guard that runs under the rail and always holds the hanger in position. The manner in which this guard is attached also reinforces the neck of the hanger making it doubly strong at a point where strength is most required. Each pair packed in a separate box, complete. Weight per pair, 6¼ lbs.

Per pair ..... **58c.**

Per dozen pair $6.25

Trolley Barn Door Hanger.

ROLLER BEARING.



BM 12227—Trolley Barn Door Hangers, made of steel with roller bearings, have lateral adjustment and are suitable for doors from 1½ in. to 2¼ in. thick. The wheels run inside of the hollow steel track thus protecting them from snow, etc. Very strong, durable and easy running. A pair of hangers consists of two hangers and carriers, 1 right end bracket, one left end bracket, and 1 center bracket, complete with wood screws for the hangers and lag screws for the track brackets. Weight per pair 11¾ lbs. Price per pair **$1.35**

Please Note.—When ordering give thickness of door, exact width of opening, and state whether for single or double doors.

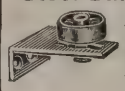
Steel Trolley Track.

BM 12228—Steel Trolley Track for use with above hangers. Per foot ..... **10½c.**

Steel Track Brackets.

BM 12229—Steel Brackets for holding above steel trolley track. (Without screws.) Weight, 16 oz. Each ..... **10½c.**

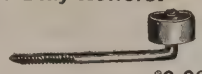
Steel Barn Door Stay Roller.



BM 12260—Adjustable and Reversible Barn Door Stay Roller, made entirely of steel. Weight, 12 oz. Each **$0.08**

Per doz ..... .90

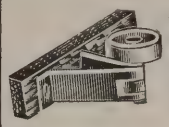
Barn Door Stay Rollers.



BM 12261—Barn Door Stay Roller, to screw; wrought iron shank, japanned. Weight, 10 oz.

Each **$0.06**

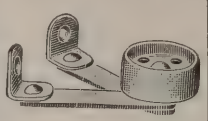
Per doz ..... .60



BM 12262—Adjustable Hinge Stay Roller. Can be adjusted to any thickness of door, is extra strong and cannot get out of place. No screws furnished. Weight, 12 oz.

Each **$0.09**

Per doz ..... .90



BM 12263—Adjustable Hinge-Joint Stay Roller, made entirely of steel except the wheel. Will fit closely to the floor and can be adjusted to any thickness of door without the use of a wrench. Price does not include screws. Weight, 12 oz. Each, **$0.09**

Per doz 0.97

Barn Door Pull.

BM 12270—Barn Door Pulls, japanned, extra heavy. Weight, 8 oz. No screws furnished.

Each **$0.04**

Per doz ..... .38

Barn Door Latch.

BM 12257—"Ideal" door fastener, made of heavy malleable iron, very simple and strongly constructed. Easily put on by means of three bolts, and is one of the strongest and most durable latches on the market. Length, 8½ in. Weight, 1 lb. 2 oz. Each ..... **17c.**

(Bolts not included with the fastener.)

Round Head Iron Blued Screws.

BM 14905—The sizeof the screw is the same as C 14920.

Length.	No.	Price Gross.	Price Doz.
½ in.	3	$0.12	**$0.02**
½ in.	4	.12	.02
½ in.	5	.13	.02
¾ in.	4	.13	.02

Round Head Blued Screws—Cont'd

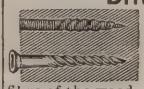
Length.	No.	Gross.	Doz.
¾ in.	5	.14	.02
¾ in.	6	.14	.02
⅞ in.	5	.15	.02
⅞ in.	6	.16	.02
⅞ in.	7	.16	.02
⅞ in.	8	.18	.02
1 in.	6	.16	.02
1 in.	7	.17	.02
1 in.	8	.18	.02
1 in.	10	.19	.03
1¼ in.	7	.18	.03
1¼ in.	8	.19	.03
1¼ in.	9	.20	.03
1¼ in.	10	.21	.03
1½ in.	10	.22	.03
1½ in.	12	.27	.04
1¾ in.	14	.31	.04
1¾ in.	12	.29	.04
1¾ in.	14	.36	.04

Flat Head Brass Screws.

BM 14910—Same size as No. C 14920.

Length.	No.	Per Gross.	Per Doz.
¾ in.	2	$0.17	**$0.02**
¾ in.	3	.18	.02
⅞ in.	4	.19	.02
1 in.	2	.18	.02
1 in.	3	.20	.02
1 in.	4	.23	.02
1 in.	5	.24	.02
⅝ in.	3	.20	.02
⅝ in.	4	.22	.02
⅝ in.	5	.23	.03
⅝ in.	6	.25	.03
¾ in.	5	.27	.04
¾ in.	6	.30	.04
¾ in.	8	.36	.05
¾ in.	10	.48	.05
1 in.	7	.39	.05
1 in.	8	.45	.05
1 in.	10	.58	.06
1¼ in.	8	.52	.06
1¼ in.	10	.64	.07

Drive Screws.



BM 14915—This screw is made so that it may be driven with a hammer its entire length. It turns like a screw as it goes in, and does not break the fibre of the wood. Holds stronger than a common screw as ordinarily inserted. They can be easily removed with a screw-driver. We do not sell less than a gross.

Length..	½	⅝	1	1¼	1½	1	1¼
No.	7	8	8	9	9	10	10
Gross	12c.	13c.	13c.	15c.	17c.	15c.	16c
Length	1½	1¾	1¼	1½	2	2½	
No.	10	10	12	12	12	12	
Gross	17c.	20c.	18c.	20c.	24c.	33c	

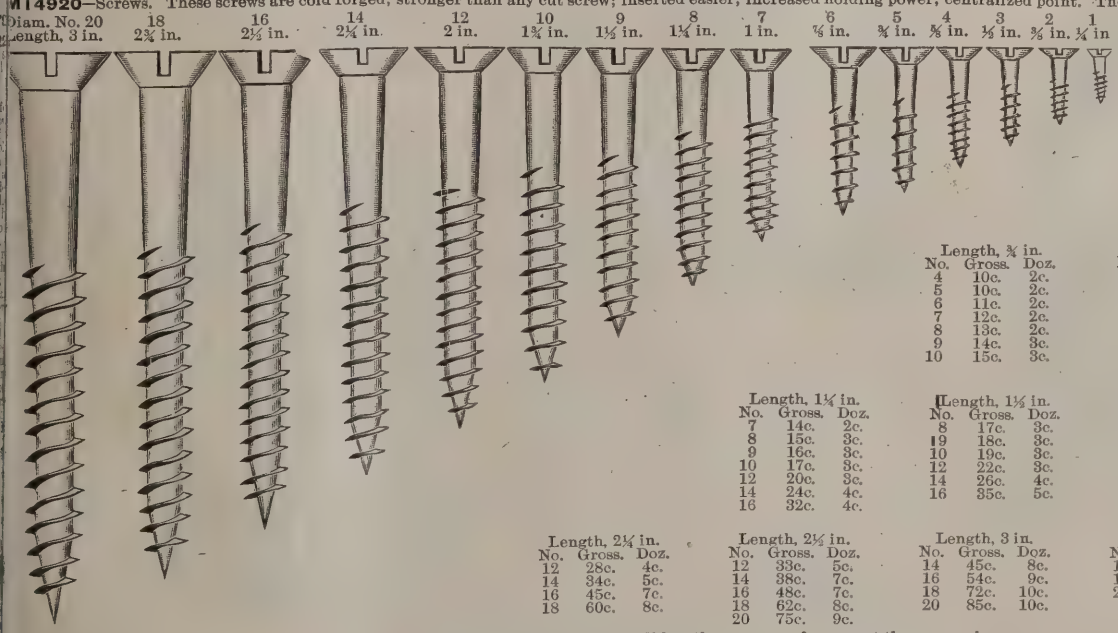
Flat Head Japanned Screws.

BM 14918—

Length.	No.	Gross.	Doz.
1 in.	10	$0.21	**$0.03**
1 in.	11	.22	.03
1 in.	10	.22	.03
1¼ in.	11	.26	.04
1¼ in.	12	.26	.04
1½ in.	10	.24	.04
1½ in.	11	.26	.04
1½ in.	12	.29	.04

SCREWS.

M 14920—Screws. These screws are cold forged; stronger than any cut screw; inserted easier; increased holding power; centralized point. The cut shows full size of screws.



Length, ¼ in.

No.	Gross.	Doz.
1	9c.	2c.
2	9c.	2c.
3	9c.	2c.

Length, ⅜ in.

No.	Gross.	Doz.
1	9c.	2c.
2	9c.	2c.
3	9c.	2c.
4	9c.	2c.

Length, ½ in.

No.	Gross.	Doz.
2	9c.	2c.
3	9c.	2c.
4	10c.	2c.
5	10c.	2c.
6	11c.	2c.

Length, ⅝ in.

No.	Gross.	Doz.
2	9c.	2c.
3	9c.	2c.
4	9c.	2c.
5	10c.	2c.
6	11c.	2c.
7	12c.	2c.

Length, ¾ in.

No.	Gross.	Doz.
4	10c.	2c.
5	10c.	2c.
6	11c.	2c.
7	12c.	2c.
8	13c.	2c.
9	14c.	3c.
10	15c.	3c.

Length, ⅞ in.

No.	Gross.	Doz.
5	11c.	2c.
6	12c.	2c.
7	12c.	2c.
8	13c.	2c.
9	14c.	3c.
10	15c.	3c.
12	18c.	3c.

Length, 1 in.

No.	Gross.	Doz.
5	11c.	2c.
6	12c.	2c.
7	13c.	2c.
8	14c.	2c.
9	15c.	3c.
10	16c.	3c.
12	18c.	4c.
14	22c.	4c.

Length, 1¼ in.

No.	Gross.	Doz.
7	14c.	2c.
8	15c.	3c.
9	16c.	3c.
10	17c.	3c.
12	20c.	3c.
14	24c.	4c.
16	32c.	4c.

Length, 1½ in.

No.	Gross.	Doz.
8	17c.	3c.
9	18c.	3c.
10	19c.	3c.
12	22c.	3c.
14	26c.	4c.
16	35c.	5c.

Length, 1¾ in.

No.	Gross.	Doz.
9	19c.	3c.
10	20c.	3c.
12	22c.	4c.
14	28c.	4c.
16	37c.	5c.
18	50c.	6c.

Length, 2 in.

No.	Gross.	Doz.
10	23c.	4c.
12	25c.	4c.
14	31c.	5c.
16	39c.	5c.
18	48c.	7c.

Length, 2¼ in.

No.	Gross.	Doz.
12	28c.	4c.
14	34c.	5c.
16	45c.	7c.
18	60c.	8c.

Length, 2½ in.

No.	Gross.	Doz.
12	33c.	5c.
14	38c.	7c.
16	48c.	7c.
18	62c.	8c.
20	75c.	9c.

Length, 3 in.

No.	Gross.	Doz.
14	45c.	8c.
16	54c.	9c.
18	72c.	10c.
20	85c.	10c.

Length, 3½ in.

No.	Gross.	Doz.
16	63c.	8c.
18	81c.	9c.
20	94c.	10c.

Length, 4 in.

No.	Gross.	Doz.
18	$1.00	10c.
20	1.10	11c.

We positively refuse to sell less than a gross of screws at the gross price.

Send for Our Large General Catalogue

Which shows a most complete line of Builders' Tools. We sell complete Carpenters' Tool Chests, or any kind of tools for same, at very low prices.

Our celebrated LAKESIDE SAWS are the best on the market.

Prepared Roofing

Our Plan For Your Benefit

Any property owner who desires it can have his order for roofing without paying any deposit in advance, and without C. O. D.

Just write and tell us what you want, making your selection from this book, and have your banker, postmaster, station agent, mail carrier, or any business man in your town with a commercial rating write a line in your letter saying that he knows you to be a property owner, and we will ship the goods, at prices lower than the same quality roofing can be bought for elsewhere.

We shall in this case expect you to remit for the order at your very earliest convenience, as a matter of business courtesy. We do not carry open accounts, and as soon we know that the roofing is satisfactory to you we des to close the deal promptly.

The object of this offer is to encourage you, to ke you from hesitating a moment about ordering roofing us because of any feeling you may have that it will r be what you want, or not good enough for your use, l cause our prices are so low.

There is no better roofing.

We want you to know it.

We are willing to do this for property owners in ord to have you see our roofing and so judge for yourself.

MONTGOMERY WARD & CO.'S READY ROOFING

Two layers of Tarred Felt cemented with a layer of waterproof cement.

69c per Roll

The best selling roofing ever manufactured.

It is not the **best** roofing we sell, but it is the **lowest priced** roofing that will give satisfaction.

Anyone can put it on, and the total cost will be **less than one cent per square foot** for the 2-ply, and but little more for the 3-ply.

That is cheap enough for anybody, and the **quality** has always proved satisfactory.

Three layers of Tarred Felt, cemented with two layers of waterproof cement.

How It is Made.

Montgomery Ward & Co.'s Ready Roofing is made in two thicknesses—a 2-ply and a 3-ply. (See illustration.)

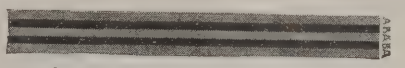
The 2-ply consists of two layers of wool felt, carefully saturated in a weather-resisting solution, consisting principally of prepared tar. Between these two layers of tarred wool felt there is a layer of absolutely waterproof composition, which cements the felt together in one solid waterproof, flexible sheet.

This cementing process is accomplished and made practically indestructible by passing the Roofing between very hot steam rollers.

The layers cannot become "split" or separated except by reheating at a very high artificial temperature. The hottest sun or the coldest, wettest weather have **absolutely** no effect on this Roofing.

The 3-ply is exactly the same as the 2-ply except that it contains three layers of tarred felt instead of two, and two layers of waterproof cement instead of one.

Two-ply consists of two sheets (aa) of the best quality of Tarred Felt, with a layer of waterproof composition (b).



Three-ply consists of three sheets (aaa) of the best quality of Tarred Felt, with two layers of waterproof composition (bb).

Caution:

Beware of Felt Roofing offered at a lower price than we ask. It is **cheapened** by one or all of the following methods:

By using felt that is not **all** wool;
By using felt of **lighter** weight;
By saturating with an **inferior** yet **heavier** composition to make up for the light weight felt;
By making the felt **narrower** (ours is full 32 inches wide);
By making their rolls smaller (every roll of Montgomery Ward & Co. Ready Roofing contains **108** square feet, enough to cover 100 square feet of roof after allowing for lapping and waste);
By producing full rolls of **lighter** weight (our 2-ply weighs **full 45** lbs., the 3-ply **70** lbs). We have seen 2-ply felt roofing on the market weighing only 35 lbs. to the roll, and 3-ply weighing only 55 lbs.

We **guarantee** the **best** value at the price.

Our enormous sales enable us to make and maintain our low prices on Roofing.

No other catalogue house can **buy** the Roofing we sell—we control the **entire** output of this Roofing sold to the catalogue trade.

Only the Best Quality.

There is but **one** quality of Montgomery Ward & Co. Ready Roofing. The terms "2-ply" and "3-ply" refer only to the **thickness** or number of layers. The **quality** of felt and composition is exactly the same in both the 2-ply and 3-ply.

Only the **best** of materials are used in its construction. It is made by a firm known for more than **half a century** for its integrity and devotion to **quality.**

Other manufacturers can only meet our prices by cheapening their product.

Where to Use It.

There is no roof on which Montgomery Ward & Co. Ready Roofing cannot be satisfactorily used. It is cheap enough for the poultry house and good enough for the palace. It costs **less** than shingles and **lasts longer;** is easier and quicker to put on, and once laid, costs practically nothing to maintain—no more "patching" every Spring and Fall. If properly put on it will last as long as the building, requiring only an occasional top coating of cement every two or three years.

Montgomery Ward & Co. Ready Roofing weighs less than iron or shingles, consequently does not require heavy, expensive, roof supports. Also saves you money in freight.

Practically Fireproof.

By using a generous sprinkling of sand before the coating or cement has become thoroughly dry this roofing is rendered fire resisting as well weather proof.

It does not affect the taste, odor, or color of rain water, is not affected by steam, gas or aci resists fire **better** than a **tin** roof, and can be us anywhere, in any climate and over old shingles desired.

Easy to Put On.

It does not require a mechanic to put on Mo gomery Ward & Co. Ready Roofing—any man c do it with a jackknife, a hammer and a brush. See complete instructions elsewhere on layi M. W. & Co. Ready Roofing.

Prices of M. W. & Co. Ready Roofing.

Prices do not include Cement, Nails or Caps.

BM 265—Two-ply Ready Roofing, weight about 45 lbs. per roll. Per roll.....**$0.**

BM 267—Three-ply Ready Roofing, weight about 70 lbs. per roll. Per roll.....

Each roll of Felt requires 1½ lb. caps, 1 nails and 2 gallons cement.

For caps and cement see page 4

BLACK DIAMOND ROOFING.

74c per Roll

Black Diamond Roofing is made by the oldest a best mill in the country, and is well and favorab known. It has been on the market longer tha any other brand of Felt Roofing; has stood t test of time and can be depended upon to gi entire satisfaction.

Like M. W. & Co. Ready Roofing, the Black Di mond is a prepared Felt Roofing, made also of t very best materials in 2-ply and 3-ply, and pr pared very much the same as our Ready Roofin What you have just read about the quality of o Ready Roofing applies equally to the Black Di mond brand.

Put up in rolls the same size and weight Ready Roofing, namely, 32 inches wide, weighi 45 and 70 lbs. to the roll for 2 and 3-ply respe tively, each roll containing 108 square feet, enoug to cover completely 100 square feet of surface.

BM 269—Two-ply Roofing Felt, weight about 45 lb. to the roll. Per roll.....**$0.7**

BM 270—Three-ply Roofing Felt, weight about 70 lb. to the roll. Per roll.....

Each roll of Felt requires 1½ lb. caps, 1 nails and 2 gals. cement.

For caps and cement see page 42

ATLAS PREPARED ROOFING.

$1.48 per Roll

"Atlas" Prepared Roofing is made from selected, ng fibre wool felt, thoroughly saturated with non-latile compounds, and coated on both sides with patent composition, making it closely resemble **ubber,"** and is commonly called **rubber roofing.** ntains no tar or other volatile matter, therefore es not dry out or crack. It will not stick in the ll, contains nothing to ooze out, even in the hot-st weather, and will not crack in the coldest. It adapted for any climate, absolutely weather-oof; contains nothing in its composition to evap-ate, is always pliable and never becomes hard brittle.

It is suitable for either flat or steep roofs, re-ires no special tools, and can be easily laid by ordinary workman. It is waterproof, acid proof d air-tight. **Requires no extra coating,** except at laps. **Each roll is packed complete, with large head roofing nails, and the necessary cement for cementing the laps.**

Guaranteed to give perfect satisfaction.

BM 273—"Atlas" Prepared Roofing. Roll containing **one square,** or 108 square feet, complete with large head nails and cement for the laps. Weight, 32 lbs. Per roll.....**$1.48**

BM 274—"Atlas" Prepared Roofing. Roll containing **two squares,** or 216 square feet, complete with large head nails and cement for the laps. Weight, 64 lbs. Per roll.....

(Samples free on application.)

LAKESIDE ROOFING.

$1.85 per Roll

Extra thick Saturated with Asphaltum (fire-resisting) Compound.

Sanded complete. Nothing to do but nail it on and cement the laps.

It is made in only one grade and one quality. There is nothing better. (See illustration.)

"Lakeside" is a name which means **"the very best"** when given to any kind of merchandise handled by Montgomery Ward & Co.

"Lakeside" Roofing—it's **the very best.** Made of all wool felt, surfaced with a fine hard grit.

But instead of being saturated in tar, it is treated with an **asphaltum** preparation, which some manufacturers claim is a better fire resistant.

The "Lakeside" is thick and heavy, practically indestructible. It weighs 70 lbs. per roll of 108 square feet.

Surfaced With Sand Grit.

The principal feature that distinguishes Lakeside Roofing is its sand grit surface. This adds greatly to its wearing qualities—in fact makes "Lakeside" wear almost twice as long as roofing which is not similarly treated.

Lakeside is **complete** in itself. Requires no coating after being laid; requires no sanding.

There's nothing else to buy when you get "Lakeside"—all the necessary materials for putting it on your roof are included in sufficient quantity with each roll—roofing nails and cement for cementing the laps.

It is acid proof, waterproof and practically fireproof; not affected by changes of temperature; does not affect the color or taste of rain water.

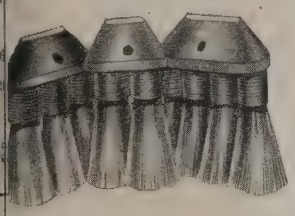
Our Guarantee

for complete satisfaction goes with Lakeside as well as our Ready Roofing and Black Diamond brand.

BM 272—"Lakeside" Roofing. Per roll....**$1.85**

Roofing Brushes.

A cheap brush for this work is dear at any ice. You will find our quality all right for this ass of work, and the price is exceedingly low nsidering the quality of the brush.



61c to 95c

BM 287 — Roofing brushes, made expressly for applying the cement. Two-knot brush; has two brushes on head. Each. **61c**

BM 288—Three-knot brush, has three brushes on head. Each. **83c**

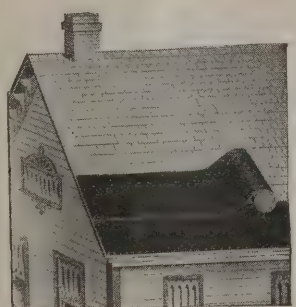
BM 289 —Four-ot brush, has four brushes in head. Each...**95c**

HOW TO LAY FELT ROOFING.

The following directions apply equally to Ready oofing, Black Diamond, Lakeside and Atlas. The akeside and Atlas however, as previously ex-ained, do not require any final coating or sanding.

To Measure Roof

ultiply length y width for a at roof. If roof e steep, say ne-third pitch, dd one-third to esult of flat easurements. Allowance must e made for oping, capping, alleys, gutters, round chimneys, etc. A little roofing left ver can be easily used for heds, etc., hereas a scant easurement results in some part of roof being slighted, or an nnoying wait for additional material.



The First Layer in Position.

Our Felt Roofing is sold in full rolls only. If our roof requirements call for 970 square feet, rder 1,000 square feet. Every roll contains 108 quare feet or enough to cover one hundred square eet and allow for necessary two-inch lap. Our elt Roofing is 32 inches wide and rolls are from 0 feet 6 inches to 41 feet in length. It will fit ny roof, is easily applied, and with ordinary care will last a very long term of years.

Cover Shingle Roofs

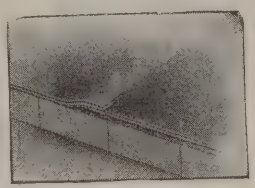
ith Felt Roofing and a new life is given to a worn ut roof. Where possible, it is best to remove shingles, close up roof boards and apply the same as a new roof, but where it is desired to save this expense, the Felt Roofing can be laid over old shingles with good results. We recommend the three-ply for this purpose.

Before covering, sweep the shingles clean of rubbish and nail down securely all that are loose or warped. Use 1½-inch barbed wire roofing nails for securing felt over shingles. Where shingles are badly rotted, it is well to take strips of inch stuff three inches wide, with beveled (not sharp) edges, and nail them to shingles exactly thirty inches apart from center to center. The laps of the roofing will then come on the strips and can be so secured.

Avoid walking on roof as much as possible. Use a ladder fastened at edge.

See that the roof boards are of **dry seasoned lumber,** uniform in thickness and laid close together. They need not necessarily be surfaced or matched, although such boards undoubtedly make the best foundation. All knot-holes should be covered with pieces of tin and the roof boards swept clean of nails, chips or rubbish.

The roofing should always be laid parallel with the lower edge, and never up and down with the roof. All water thus **runs across** the laps and not with them; an advantage that is apparent. Cut the roofing to required lengths, and commence nailing at the eaves or gutter, laying the first piece parallel with the edge, securing the outer edge with wooden cleats or with nails and caps.



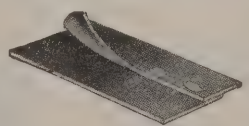
Showing Lap of Felt Nailed.

Always commence nailing in center of roof and work towards the ends. When nailing from end to end, the felt is liable to become crooked and work off at an angle before row is completed. It is a good plan to mark width of laps with chalk to make sure of same being uniform.

Lap second sheet two inches over the first, **thoroughly coating between the laps** with our **Asphaltum Cement.**

Where roofs are exceedingly flat, it is well to lap three inches instead of two.

Nail every two inches in center of lap, using the Tin Cap for head of nails. Repeat until roof is covered, being careful to make **proper** fastenings around chimneys, etc., as further directed.



Cement Between Laps.

Where a splice is necessary in any part of the roof the felt should be lapped four inches with the next sheet, thoroughly coating between and putting in two rows of caps and nails.

The ridge of the roof can be capped with an additional layer of felt eight inches wide, but should receive an extra coating. (Cut roofing lengthwise for such strips.)

At all Tin and other metal connections, the roofing should be carefully nailed and thoroughly coated. All laps, flashings, joints, nails, etc., must be well coated.

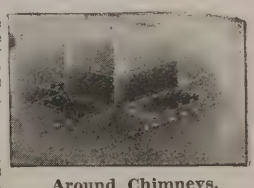
Showing How to Splice. Also Treatment of Valleys.

A—Method of **unrolling** and laying.
B—Showing **lap** of top width over lower one.
C—Showing **splice.** (Lap 4 inches.)
D—Fastening with **wooden cleat** at eaves and gables.
E—Showing strip of **felt** in valley.

NOTE—**Lay inside of roll down on sheathing, as shown in illustration.**

Care should be taken not to injure the surface of the roofing before coating: all nails, etc., being carefully brushed off and nothing left on the roof that can be stepped on or forced into the felt.

When roof is covered, it should immediately be given the first coating unless felt has been wet, in which case wait until it dries. Give one coat of our Asphaltum Roofing Cement, brushing same thoroughly into the felt. The second coat can be applied as soon as the first coat is dry, or any time from a week to two weeks after, as convenient. It should be put on rather thin and quite evenly to insure good work. Sprinkle sharp, clean sand on last coat as fast as it is applied and before it has had time to dry. Spread on all the sand it will hold. The sand solidifies the coating, making a hard surface that thoroughly protects the felt against both water and fire.



Around Chimneys.

(The coating and sanding are not necessary with "Lakeside" and "Atlas" Roofing.)

Sheet Metal Roofing

The combined merits of sheet metal for building purposes are its cheapness and durability, ease of application, protection against fire, and the fact that there is no case on record where a building covered with steel or iron has been damaged by lightning.

One of the strongest arguments that can be advanced in favor of sheet metal, is its continued use and large increase in demand during the past quarter of a century or more.

The closest attention is given to the workmanship and quality of the material put into our products, and everything is of the highest order.

We make prices as low as consistent with the cost of production.

We show here the two favorites—Corrugated Iron Roofing and V Crimped Roofing.

This material is all clean, smooth, and well manufactured stock, free from rough spots, splits and defects of any kind.

Our prices are for 28-gauge steel or iron, this being the thickness in common use. We can, however, furnish heavier weight, and shall be pleased to name lowest quotations on same upon application.

Painted or Galvanized.

We furnish both the Corrugated and the V Crimped painted or galvanized.

Our painted roofing and siding is covered on both sides with a good coat of best red mineral paint, but should receive an additional coat after being laid. If properly taken care of and painted every three or four years, this roofing will last for an indefinite period, and cause little or no expense for repairs.

The galvanizing roofing resists rust, needs no paint, although good paint adds to its durability, and we always recommend that it be thoroughly painted after it has been laid. It costs more to manufacture, but is **worth** the difference.

Full Measure.

PLEASE NOTE—A "square" in roofing terms is 100 square feet; that is a surface 10 ft. by 10 ft., or its equivalent.

It is customary with most firms to consider a square of sheet metal roofing as 100 square feet (actual surface measurement of the sheets) and make **no allowance** for the necessary side laps and the end laps.

We, however, always give enough material to **really cover** a square, making **extra** allowance for side and end laps, **without extra charge.** This should always be taken into consideration when comparing our prices with others.

Also, please bear in mind that all of our roofing is made of new, clean stock and warranted perfect.

CORRUGATED IRON ROOFING

Corrugated Iron Roofing.

Corrugated sheet iron is used for covering sheds, barns, warehouses, etc. It is fireproof, thus holding advantage over other material.

It is cheap, light and durable, and will last for an indefinite period if kept well painted. It is already painted red on both sides, but should receive an additional coat after being laid.

Note that our prices are for 28-gauge material, full size, full weight—70 lbs. per square painted, and 86 lbs. galvanized.

Some firms, in order to meet our prices, sell lighter weight or smaller size goods.

Made in the following size corrugations (measuring from center to center):

1 ¼ in. For ceilings, siding or roof.

2 ½ in. For roofs, siding, etc., and is the kind in general use.

We can furnish sheets in the following lengths only: 6, 7, 9 and 10 feet:

Width of sheets with 1 ¼ in. corrugations: 24 in.

Width of sheets with 2 ½ in. corrugations: 26 in.

A square consists of enough iron to cover 100 square feet, or a surface 10 x 10 feet, making an allowance of one corrugation for side laps and 3 in. for end laps.

Complete Outfit Free with Each Square.

We include with each square sufficient dry paint and nails for applying. Approximate weight per square: painted, 70 lbs.; galvanized, 86 lbs.

Prices—Painted.

BM 325—With 1 ¼ in. corrugations. Per square **$2.95**

BM 326—With 2 ½ in. corrugations. Per square **2.85**

In lots of 5 squares or more, deduct 10c. per square from above prices.

These prices are effective regularly, but in the event of extraordinary fluctuations we reserve the right to revise our prices.

Will always bill to you at lowest market rates.

Galvanized.

BM 329—With 1 ¼ in. corrugations. Per square **$4.75**

BM 330—With 2 ½ in. corrugations. Per square **4.65**

In lots of 5 squares or more, deduct 10c. per square from above prices.

These prices are effective regularly, but in the event of extraordinary fluctuations we reserve the right to revise our prices. Will always bill to you at very lowest market rates.

Method of Fastening Corrugated Roofing.

Table Giving Number of Sheets Required to Cover One Square or a Space 10x10 Feet.

Corrugated Roofing.

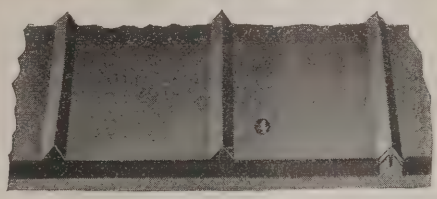
Allowing one corrugation for side laps and 3 in. for end lap:

Length of sheets.	1 ¼ in. Corg.	2 ½ in. Corg.
6 feet	8 ¾ sheets	8 2-3 sheets
7 feet	7 ½ sheets	7 4-9 sheets
8 feet	6 ½ sheets	6 ½ sheets
9 feet	5 7-10 sheets	5 5-7 sheets
10 feet	5 1-6 sheets	5 ⅛ sheets

V CRIMPED ROOFING.

Allowing 3 in. for end laps (sheets will lay full 24 in. in width):

Length.	Sheets.
6 feet	8 2-3
7 feet	7 5-12
8 feet	6 5-12
9 feet	5 ¾
10 feet	5 ⅛



Method of Fastening Crimped Roofing.

The wooden V Strip used with Crimped Roofing.

V Crimped Roofing.

V Crimped Iron Roofing.

A style of metal roofing by many preferred to any other.

We offer the popular 28-gauge sheet steel—each square full size and honest weight—enough to cover 100 square feet, including all laps and waste.

Any Man Can Lay It.

(See method of putting it on.)

It can be laid over sheathing, old shingles, or direct to the rafters, and is suitable for any roof having a pitch of two inches or more to the foot. It can be applied by any one who can drive a nail. No special tool is required for the work.

We can furnish sheets in the following lengths only: 6, 7, 8, 9 and 10 feet; width 24 in.

Complete Outfit for Laying Free with Each Square.

Prices include wooden V strips, dry paint and nails, sufficient for applying. Approximate weight per square: painted, 71 lbs.; galvanized, 87 lbs.

Painted.

BM 340—Per square (complete) **$2.85**

Per square, in lots of 5 squares or more, deduct 10c per square.

Galvanized.

BM 341—Per square (complete) **$4.75**

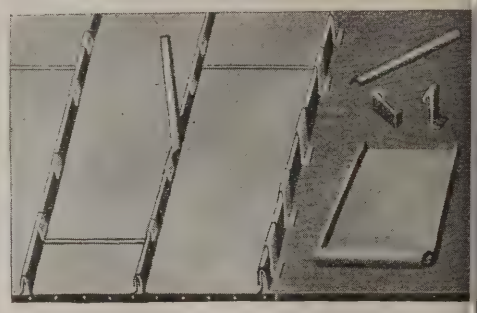
Per square, in lots of 5 squares or more, deduct 10c per square.

These prices are effective regularly, but in the event of extraordinary fluctuations we reserve the right to revise our prices.

We always bill to you at very lowest market rates.

Remember, Dividend Certificates entitling you to select premiums from a list of about 400 articles, such as Watches, Chairs, Tables, Guns, Couches, Lamps, etc., are furnished to every purchaser.

ROLL AND CAP ROOFING



Made of mild sheet steel, adapted for either flat or steep roofs, and it is especially desirable for laying on uneven surfaces, or shingles, etc. The standing seams are formed 1 inch high with our roofing tongs. The cleats are then nailed to the roof boards, bent around outside the caps, and afterwards closed tight with the seaming tongs. Put up in rolls, 26 inches wide, containing 108 1-square feet, which will cover one square.

Prices include cleats, caps, nails, and dry nails for applying. Made of 28-gauge steel.

BM 346—Painted Roll and Cap Roofing, weight per square, 74 lbs. Price per square, complete **$3.1**

BM 347—Galvanized Roll and Cap Roofing. Weight per square, 90 lbs. Price per square, complete **4.5**

These prices are effective regularly, but in the event of extraordinary fluctuations we reserve the right to revise our prices.

To properly apply this roofing you will need the following tools, price of which will be refunded you upon the return of the tools to us in good conditon, return charges to be prepaid.

BM 349—Tool set for Roll and Cap Roofing: 1 pair Squeezing Tongs; 1 pair Edging Tongs; 1 pair tinner's snips. Set complete .. **$3.5**

TIN ROOFING.

There are many who will not buy anything but the old favorite tin roofing. It is easily put on, fireproof under ordinary circumstances, and reasonable in price.

If kept well painted, our tin roofing will last many years requiring very little attention and expense for repairs.

As with other roofings we sell, the **quality** of our tin roofing must be high grade, capable of giving long and satisfactory service.

Made of the best (Worcester grade) I. C. tin plate, locked and soldered together by hand. Put up in rolls containing 120 lineal feet, and securely packed in a sheet iron cask. The strips are perfectly straight and ready to lay on the roof. Considered by practical tinsmiths to be the **best** and **most convenient** form of roofing tin ever placed on the market.

Painted on under side, and we include with each cask enough dry paint for covering the upper surface. Width of strip, 20 inches; weight per cask, 105 lbs. We cannot sell less than a full cask containing 200 square feet.

BM 449—Per roll or cask ..... **$6.**

These prices are effective regularly, but in the event of extraordinary fluctuations, we reserve the right to revise our prices.

Will always bill to you at the very lowest market rates.

Roof Trimmings

In those smaller essentials which go to complete a good roof, such as Eave Troughs, Ridge Rolls, Water Pipes, etc., we offer only those made in the best grade of Galvanized iron.

The cost of these is so small that it would be the greatest folly to try to economize a few cents on each by getting an inferior quality that would soon wear or rust out and never give satisfaction.

As you well know, rust is the worst enemy of anything with which water or moisture comes in contact.

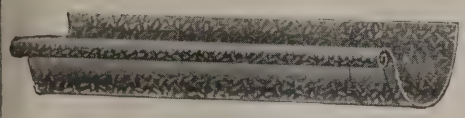
Galvanized iron resists rust.

Our sales on these goods are enormous and our price **positively lower** than any other firm can quote for **equal quality.**

The market abounds with cheap imitations, some made of lighter weight iron, some poorly galvanized, others slightly smaller in size than ours—enough to gain the few extra cents needed to compete with our prices.

Our superior facilities insure you best values and absolute satisfaction.

Galvanized Eave Trough.



Slip Joints.

Made of the best grade of galvanized iron in one piece, 10 ft. long without a cross seam, No. 28 gauge. Ends are fitted with patent slip joints, which are quickly put together and require no soldering. Made only in 10-ft. lengths. We cannot furnish cut lengths. Sizes given are width of trough inside of bead. When ordering always state whether right or left hand trough is wanted, or send sketch showing position of outlets, etc.

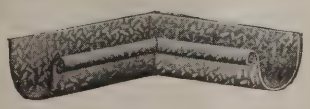
Unless otherwise ordered we shall send half right and half left hand trough.

BM 375—Size	3 ½ in.	4 in.	5 in.	6 in.
	$0.32	**$0.36**	**$0.41**	**$0.51**

These prices are effective regularly, but in the event of extraordinary fluctuations we reserve the right to revise our prices.

We will always bill to you at the lowest market rates.

Eave Trough Corners.



Slip Joints.

Made complete, ready for use, No. 28 gauge, galvanized iron. Always state if bead is to be inside or out. Illustration above shows corner with **inside** bead.

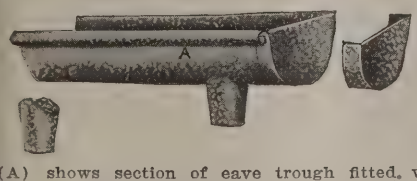
BM 395—Size, inches	3 ½	4	5	6
Each	**$0.17**	**$0.18**	**$0.19**	**$0.22**

Wire Eave Trough Hangers.

For attaching our eave trough to the roof. Very simple and easily applied. Galvanized steel wire. (See illustration, page 31.)

BM 410—Size 3 ½ in. Per doz..... **9c**
Size 4 in. Per doz.. **10c**
Size 5 in. Per doz.. **12c**
Size 6 in. Per doz.. **14c**

Fittings for Eave Trough.



(A) shows section of eave trough fitted with drop outlet and slip end cap. (B) shows the slip end cap only. (C) shows drop outlet cap.

With these fittings and our patent slip joint eave trough anyone can easily put up trough and conductor pipe. No soldering necessary.

Galvanized End Caps.

End Caps, made with slip joint to close up the end of the trough. Can be used either right or left hand.

BM 425—Size 3 ½ in. Each..... **$0.05**
Size 4 in. Each..... **.06**
Size 5 in. Each..... **.07**
Size 6 in. Each..... **.08**

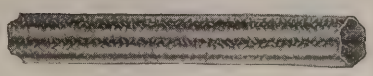
Galvanized Drop Outlets.

Consists of a short section of eave trough about 3 inches long with a drop outlet soldered in it, as shown in illustration, but the end cap is not included, but is sold separately.

BM 427—Size 3 ½ in. with 2-in. drop outlet. **$0.10**
Size 4 in. with 2-in. drop outlet..... **.11**
Size 5 in. with 3-in. drop outlet..... **.12**
Size 6 in. with 4-in. drop outlet..... **.13**

Corrugated Conductor Pipe.

Round.



Made of same grade of galvanized iron as the eave trough. No. 28 gauge, and corrugated to allow for expansion and contraction. Made in 10-ft. lengths without a cross seam. It will not burst even if full of ice. We suggest that you use 2-in. conductor pipe with 3 ½ and 4-in. eave troughs. Use 3-in. pipe for 5-in. trough, and 4 or 5-in. pipe for 6-in. trough. We do not furnish cut lengths.

BM 385—Size...	2	3	4	5	6
Per length.....	**$0.35**	**$0.40**	**$0.54**	**$0.68**	**$0.82**

These prices are effective regularly, but in the event of extraordinary fluctuations we reserve the right to revise prices.

Will always bill to you at very lowest market rates.

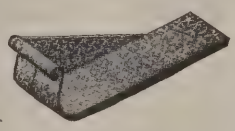
Galvanized Roof Gutter.

Roof Gutter, made from No. 28 gauge galvanized steel, beaded and formed with patent **slip joints.** Can easily be put on by an inexperienced workman, as no soldering is required; therefore the services of a tinsmith are not needed.

Made in 10 ft. lengths, in one piece, and are much better than the old-style wood-back gutter. Illustration shows the slip end pieces in position, but prices are for the gutter only. Made in 10 ft. lengths only. We do not furnish cut pieces.

BM 376—14 in. girt. Has roll 3 in. high. Flat surface, 9 in. Per length..... **$0.76**
20 in. girt. Has roll 4 in. high. Flat surface, 13 in. Per length..... **1.10**

Galvanized Slip Ends.



Galvanized Slip Ends for use with our galvanized roof gutter.

BM 377—14 in. girt. Each.... **$0.17**
20 in. girt. Each. **.18**

Galvanized Spout Ends.

Galvanized Spout Ends, for use with our galvanized roof gutter.

BM 378—14 in. girt, with 2 in. outlet. Each..... **$0.18**
20 in. girt, with 3 in. outlet. Each..... **.20**

Galvanized Iron Elbows.

Round Corrugated.

Made in three different shapes or angles, No. 28 gauge galvanized iron. Always state number of angle. Unless otherwise specified we shall send No. 3.

BM 390—Size, in.	2	3	4	5	6
Each.....	**$0.11**	**$0.13**	**$0.17**	**$0.25**	**$0.29**

Conductor Pipe Shoes.

Made of galvanized iron, corrugated, to fit on bottom end of conductor pipe, as a protection against bending and to improve appearance of pipe.

BM 392—
Size, in. 2 3 4 5 6
Each.. **12c 15c 20c 27c 34c**

These prices are effective regularly, but in the event of extraordinary fluctuations we reserve the right to revise our prices.

Will always bill to you at very lowest market rates.

Rain Water Cut-Off.

Made of galvanized sheet iron fitted with safety spring so you can turn the flow of water from one pipe to another.

BM 418—Size 2 in. Each..... **$0.15**
Size 3 in. Each..... **.17**
Size 4 in. Each..... **.22**
Size 5 in. Each..... **.40**
Size 6 in. Each..... **.50**

Rain Water Filters.

Galvanized Iron.

Rain water filters are intended to connect to the conductor pipe, and will prevent leaves, insects, and all other filth from getting into the cistern. The water is strained through a linen sack, which is fastened to a metal frame which can easily be removed to clean, and replaced again through the opening in the top. The filter can be easily kept in repair by putting in a new sack when needed. When these filters are used the water in your cistern will remain pure and free from foul odors. Made of heavy galvanized iron.

BM 420—Size 2 in. Each..... **$0.82**
Size 3 in. Each..... **.85**
Size 4 in. Each..... **.97**

Galvanized Wire Strainers.

These strainers are made of galvanized iron wire, and are used for keeping leaves and similar obstructions from stopping up the conductor pipe. They also prevent birds from building nests in the pipe, and when used cisterns do not require cleaning as often.

BM 415—Size. in.	2	3	4	5
Each.....	**4c**	**5c**	**6c**	**8c**
Per doz.....	**32c**	**41c**	**58c**	**80c**

Conductor Hooks.

Tinned.

BM 412—For fastening conductor to side of house. Malleable iron, tinned.

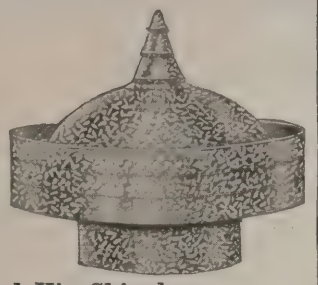
2 in. Per doz..... **$0.12**
3 in. Per doz..... **.16**
4 in. Per doz..... **.24**
5 in. Per doz..... **.32**
6 in. Per doz..... **.40**

Our 95-page

Grocery List

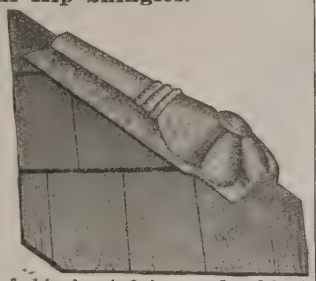
issued every 60 days gives latest market quotations on household supplies. Ask to be put on our mailing list and receive one every two months.

Roof Ventilators.



Each.
BM 460 —
Size 4 in. $0.65
Size 6 in.. 1.27
Size 8 in. 1.70
Size 10 in. 2.05
Size 12 in. 2.37

Metal Hip Shingles.

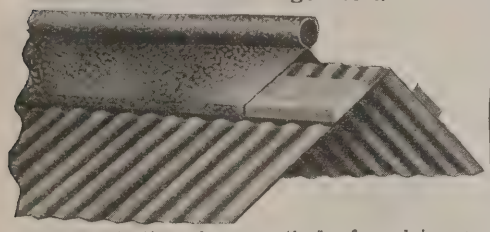


Ornamental Stamped Hip Shingles make a neat and effective hip cap, and are far preferable to the plain wood strips which are generally used; are adjustable to varying widths of courses. Very ornamental, durable, and easy to apply. It takes one hip shingle to each course of shingles. Size of shingles 4x9 in.; made of best quality stock.

BM 457—Painted Tin Hip Shingles, approximate weight, per 100, 20 lb. Price each 2c. Price per 100 ..... $1.50

Galvanized Hip Shingles, approximate weight per 100, 30 lb. Price each, 3c. Price per 100.. $2.10

Galvanized Ridge Roll.



Our illustration shows method of applying on corrugated iron roof. It is, however, suitable for use on a shingle or almost any kind of a roof. Made in 10-ft. lengths of best grade of galvanized iron, No. 28 gauge, and makes a very neat and inexpensive cap for the roof ridge. We do not furnish cut lengths and prices do not include the wood strips as shown in illustration.

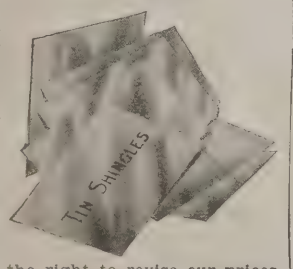
BM 380

Size of roll.	Width of Apron.	Per ft.
1½ in.	2 in.	$0.03½
2 in.	2½ in.	.04
3 in.	3½ in.	.05½

These prices are effective regularly, but in the event of extraordinary fluctuations we reserve the right to revise our prices.

We will always bill to you at very lowest market rates.

Tin Shingles or Flashings.



Made of a good grade of roofing tin and cut to exact sizes. Useful for repairing old roofs, and in making a tight joint around chimneys, etc.

	Per 100.	Each.
BM 455—5x7 in.	$0.99	$0.01¼
7x10	1.98	.02½

These prices are effective regularly, but in the event of extraordinary fluctuations, we reserve the right to revise our prices.

Will always bill to you at very lowest market rates.

Old Style Terne Plates.

Prices are subject to change without notice, but will always furnish at lowest market rates.

Terne plates have a smooth lead colored surface and are mostly used for roofing purposes.

BM 440—IC "Old Style" Plates. (Spangled.)

Size, in.	14x20	20x28
No. Sheets in a box	112	112
Weight per box	110 lb.	220 lb.
Per box at Chicago	$6.60	$13.80
Per sheet at Chicago	.07	.14

BM 441—IX Old Style Plates. (Spangled.)

Size, in.	14x20	20x28
No. Sheets in a box	112	112
Weight per box	135 lb.	270 lb.
Per box at Chicago	$8.10	$16.20
Per sheet at Chicago	.08	.16

Terne or Roofing Plates.

Prices are subject to change without notice, but will always furnish at lowest market rates.

BM 445—IC Roofing Plates. Not quite as high a grade tin as No. BM 440, but very popular.

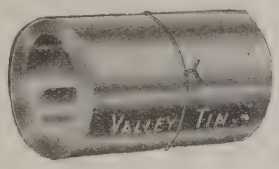
Size, in.	14x20	20x28
No. Sheets in a box	112	112
Weight per box	100 lb.	200 lb.
Per box	$4.95	$9.90
Per sheet	.06	.10

BM 446—IX Roofing Plates. A heavier grade than above.

Size, in.	14x20	20x28
No. Sheets in a box	112	112
Weight per box	128 lb.	256 lb.
Per box	$6.45	$12.90
Per sheet	.07	.12

Samples of our tin plate furnished on application.

Valley Tin.



Made of good grade of tin plate in a continuous strip, locked and soldered. Full lengths are 50 feet long, but we can furnish any quantity.

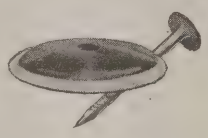
	Per Roll of 50 ft.	Per Lineal Foot.
BM 450—Width 14 inches	$2.16	$0.05
Width 20 inches	3.10	.06½
Width 28 inches	4.32	.09½

These prices are effective regularly, but in the event of extraordinary fluctuations, we reserve the right to revise our prices.

Will always bill to you at very lowest market rates.

Roofing Caps.

BM 280 — Tin Roofing caps. Each square of roofing requires 1½ lb. caps. Per lb. 5c



Roofing Nails.

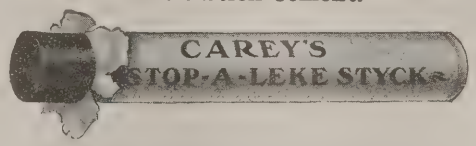
BM 281 — Wire roofing Nails (barbed). Each square of roofing requires 1 lb. of nails. Per lb... 4c

Asphaltum Roofing Cement.

BM 285—Roofing Cement. The price on this varies according to the quantity desired, the cost of the cask being included in the price of the cement. Each square of roofing requires 2 gallons of cement.

In barrels, 36 to 50 gallons. Per gallon	$0.10½
In barrels, 20 to 35 gallons. Per gallon	.13
In kegs, 12 to 18 gallons. Per gallon	.16
In cans, 10 gallons. Per gallon	.18½
In cans, 5, 6, and 8 gallons. Per gallon	.20
In cans, 4 gallons. Per gallon	.23
In cans, 2 to 3 gallons. Per gallon	.27

Elastic Stick Cement.

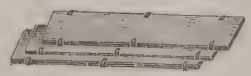


BM 290—An elastic compound, in stick form, for mending leaks in all kinds of roofing, tin, iron, felt, slate, tile, or shingle; also for eaves-trough, iron or wood tanks, wash tubs, and many other places where leaks occur. It is always ready for use, will not dry out, is waterproof, and will stick to anything. Try it. We know you will be pleased with the result. Made in black color only.

Per stick 20c

SHEET METALS.

Galvanized Sheet Steel.



BM 366—Galvanized sheets, warranted perfect. Size of sheets, 28x96 in.

No. of gauge.	No. of Sheets per bdl.	Weight per bdl.	Price per sheet.	Price per bundle.
24	7	151 lbs.	$0.90	$6.15
26	9	152 lbs.	.80	6.65
27	10	157 lbs.	.77	7.40
28	10	146 lbs.	.76	7.00

(We cannot sell less than a full sheet.)

Ordinarily these prices are effective during the life of this catalogue, but in the event of extraordinary fluctuations we reserve the right to revise our prices.

Will always bill to you at very lowest market rates.

Black Sheet Steel.

BM 367—Common black sheets, warranted perfect. Size of sheets, 24x101 in.

No. of gauge.	No. of Sheets per bdl.	Weight per bdl.	Price per sheet.	Price per bundle.
24	9	152 lbs.	$0.62	$4.85
26	12	151 lbs.	.50	4.90
27	13	150 lbs.	.45	4.95
28	14	148 lbs.	.44	5.10

(We cannot sell less than a full sheet.)

Ordinarily these prices are effective during the life of this catalogue, but in the event of extraordinary fluctuations we reserve the right to revise our prices.

Will always bill to you at very lowest market rates.

Sheet Zinc.

BM 368—This is the ordinary stock zinc, about 26 gauge, 36 in. wide, 7 ft. in length, weighs 14 lb. Per sheet $1.50
Per half sheet 8

Ordinarily these prices are effective during the life of this catalogue, but in the event of extraordinary fluctuations we reserve the right to revise our prices.

Will always bill to you at very lowest market rates.

Sheet Copper.

BM 369—Soft Sheet Copper, soft rolled, not polished; tinned on one side.

Size of sheet.	Wt. of sheet.	Per sheet
14 oz. . . . 14x48 in.	4 5-16 lb.	$1.80

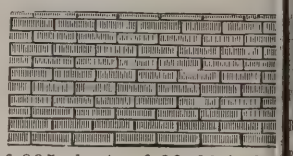
BM 370—Cold Rolled Copper, suitable for evaporator pans, etc.

Size of sheet.	Weight of sheet.	Per sheet plain.	Per sheet Tinned on one side.
16 oz. . 30x60 in.	12½ lbs.	$5.00	$5.6

Ordinarily these prices are effective during the life of this catalogue, but in the event of extraordinary fluctuations we reserve the right to revise our prices.

Will always bill to you at very lowest market rates.

STEEL PRESSED BRICK SIDING.



Made of the best grade of annealed sheet steel and is an excellent imitation of pressed brick. Easy to apply, and rich and handsome in appearance.

A square consists of 835 sheets of 28x60 inches or its equivalent. Prices include the necessary dry paint and nails for applying. Approximate weight per square, painted, 75 lb.; galvanized, 91 lb.

BM 350—Painted Brick Siding, per square (complete) $2.30

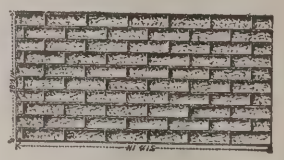
BM 352—Galvanized Brick Siding per Square (complete) 4.30

In lots of 5 squares or more deduct 10c. per square from above prices.

Ordinarily these prices are effective during the life of this catalogue, but in the event of extraordinary fluctuations we reserve the right to revise our prices.

Will always bill to you at the very lowest market rates.

Steel Rock-Faced Brick Siding.



Made of the same material as our brick siding shown above, but the surface presents a rough appearance in imitation of rock-faced brick which is largely used in modern buildings. Approximate weight per square, painted, 72 lb.; galvanized, 91 lb.

Prices include the necessary dry paint and nails for applying.

BM 360—Painted Rock-Faced Brick Siding, per square (complete) $2.90

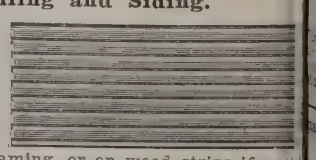
BM 362—Galvanized Rock-Faced Brick Siding, per square (complete) 4.40

In lots of 5 squares or more deduct 10c. per square from above prices.

Ordinarily these prices are effective during the life of this catalogue, but in the event of extraordinary fluctuations we reserve the right to revise our prices.

Will always bill to you at lowest market rates.

Beaded Ceiling and Siding.



Made of annealed sheet steel, No. 28 gauge, with small beads running lengthwise of the sheets. Can be applied over sheathing, or direct to the framing, or on wood strips if used for ceiling. Sheets are 24 in. wide from center to center of the outside beads. We can furnish in the following length sheets, 6, 7 and 8 ft. Dry mineral paint and nails included.

BM 364—Painted, Beaded Ceiling, complete, per square $3.20

BM 365—Galvanized, Beaded Ceiling, complete, per square 4.90

In lots of 5 squares or over deduct 10c. per square from the above prices.

Ordinarily, these prices are effective during the life of this catalogue, but in the event of extraordinary fluctuations, we reserve the right to revise our prices.

Will always bill to you at very lowest market rates.

SHEATHING AND BUILDING PAPERS.

We handle the **very best grades** of sheathing and building papers, and make very lowest prices. Our sheathing papers are not suitable for roofing purposes, but are intended to use under shingles, clapboards, floors, etc., and aid greatly in keeping building warm and dry. They are much more economical and serviceable than plain or tarred strawboard, and their additional cost can be saved in one winter in economy of fuel. We send samples on application.

M. W. & Co. Resin-sized Sheathing.

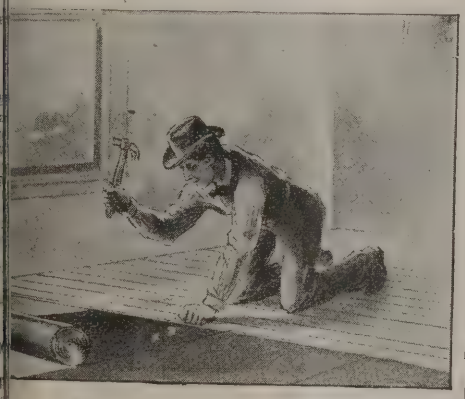
Our "M. W. & Co." brand paper is made for us the best of stock, is a tough, clean and durable paper, and we warrant it to be satisfactory. Made three different weights, but all the same quality. Put up in rolls containing 500 square feet; width, 36 inches.

BM 214—M. W. & Co. Sheathing. Weight per roll, 30 lbs. **$0.56**
BM 215—M. W. & Co. Sheathing. Weight per roll, 35 lbs. ..... **.65**
BM 216—M. W. & Co. Sheathing. Weight per roll, 40 lbs. ..... **.75**

Diamond Brand.

BM 220—"Diamond Brand" Red Resin-sized Sheathing. A strong, durable paper with a smooth finish and clean to handle, put up in rolls of 500 square feet; 36 in. wide, and weighing about 40 lbs. Per roll **1.04**

"Eureka" Deadening Felt.



For use between floors of buildings and adds greatly to the warmth and comfort of a home. "Eureka" Felt is a thick, heavy paper, and best material of the kind in the market. Put up in rolls 32 in. wide. Nine square feet weigh 1 lb.; approximate weight per roll, 80 lbs.

BM 240—Per pound **$0.03**

Tarred Strawboard.

Tarred Strawboard. Put up the same way as plain board and runs about 16 lbs. to the 100 square feet. Weight about 65 lbs. to the roll.

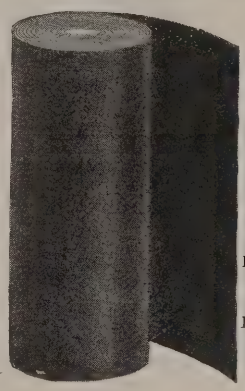
BM 255—Per lb. at Chicago **$0.01½**

Strawboard.

Plain Strawboard. Put up in rolls weighing about 60 pounds. 32 inches wide. Runs about 15 lbs. to the 100 square feet. Weight, about 60 lbs. to the roll.

BM 250—Per lb. **$0.01⅜**

Blue Plaster Board "A" Grade



Blue Plaster Board is a strong, durable paper used in place of plaster on walls and ceilings. It can be used over boards or fastened direct to the studding, and is the best material made for sheathing or insulating. It is usually applied with small head tacks and then either painted or covered with wall paper. Width of roll, 36 in.

BM235—Per roll of 500 square feet. Weight, 60 lbs. **$2.05**
BM 236—Per roll of 250 square feet. Weight, 30 lbs. **1.03**

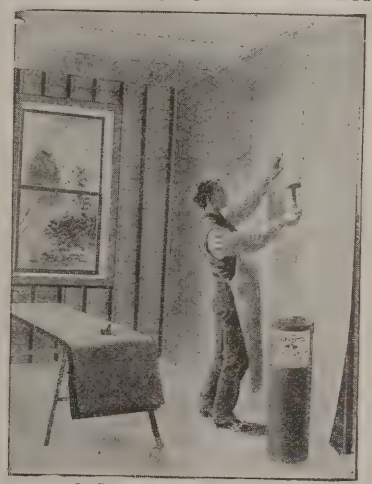
Blue Plaster Board "B" Grade

A blue paper, very similar to our "A" grade, but not as tough and durable.

Put up in rolls 36 inches wide.

BM 237—Per roll of 500 square feet. Weight, 55 lbs. **$1.50**
BM 238—Per roll of 500 square feet. Weight, 28 lbs. ..... **.75**

Method of Applying Blue Plaster Board.



Asbestos Sheathing.

Asbestos Sheathing. Put up in rolls containing 500 square feet. 36 inches wide. Weighs 10 lbs. to the 100 square feet. Weight of rolls, 50 lbs.

BM 256a—Per lb. **$0.04¼**

WIRE NAILS

Our wire nails are all full length and standard thickness. Warranteed smooth and well made.

Prices are subject to change without notice, but will always furnish at lowest market rates.

Steel Wire Nails (Common)

Put up in kegs containing 100 lbs.

Following prices are free on board cars, Chicago.

Size	Length inches	Price per keg	Per pound	Size	Length inches	Price per keg	Per pound
2 d	1	$3.30	3½c	10 d	3	$2.65	3c
3 d	1¼	3.05	3½c	12 d	3¼	2.65	3c
4 d	1½	2.90	3¼c	16 d	3½	2.65	3c
5 d	1¾	2.90	3¼c	20 d	4	2.60	3c
6 d	2	2.80	3¼c	30 d	4½	2.60	3c
7 d	2¼	2.80	3¼c	40 d	5	2.60	3c
8 d	2½	2.70	3c	50 d	5½	2.60	3c
9 d	2¾	2.70	3c	60 d	6	2.60	3c

		Size	Length Inches	Per Keg	Per pound
BM 671	Wire Fence Nails....	8d	2½	2.70	
	Wire Fence Nails....	10d	3	2.65	
BM 672	Wire Finishing Nails	6d	2	3.05	3¼c
	Wire Finishing Nails	8d	2½	2.95	3¼c
	Wire Finishing Nails	10d	3	2.85	3¼c
BM 673	Wire Casing Nails ..	6d	2	2.95	3¼c
	Wire Casing Nails....	8d	2½	2.85	3¼c
	Wire Casing Nails...	10d	3	2.75	3c
BM 674	Fine or Lath Nail....	2d	1	3.60	4c
	Fine or Lath Nail....	3d	1¼	3.10	3½c
BM 675	Flooring Brads	8d	2½	2.70	3c
	Flooring Brads	10d	3	2.65	3c

Special Shingle Nails

Experience has demonstrated that the ordinary bright wire nail when used for fastening shingles will soon rust through and allow the shingles to fall off. Consequently, for this purpose they are not so good as the old style cut nail, or if you prefer to use wire nails they should be galvanized.

	Prices at Chicago.	Size	Length Inches	Per Keg	Per pound
BM 676	Cut Shingle Nails...	3d	1¼	$3.15	3¼c
	Plain.....	4d	1½	3.00	3½c
BM 677	Cut Shingle Nails...	3d	1¼	4.85	5c
	Galvanized.....	4d	1½	4.70	4¾c
BM 678	Wire Shingle Nails..	3d	1¼	3.95	4¼c
	Galvanized.....	4d	1½	3.80	4c

Prices are subject to change without notice, but will always furnish at lowest market rates.

Remember, Dividend Certificates, entitling you to select premiums from a list of about 400 articles, such as Watches, Chairs, Tables, Guns, Couches, Lamps, etc., are furnished to every purchaser.

ality Considered, Our Prices are Lower Than Those of any Firm in America.

any firms are inclined to make a great lot of noise about their low prices, when the real test of quality is applied, their claims melt into nothing. prices mean something more than one-time bargain offerings. When say that our prices are low we mean that they are low from beginning nd, open to all for 365 days in the year and call for goods of unquesable quality.

Correct Buying Makes Low Prices.

he tremendous purchasing power of this firm, buying as it does millions n millions of dollars' worth of merchandise each year, gives us a start ard low prices that only a few firms in the world can equal. Our orders ing for unusual quantities of an article are much sought after by repue manufacturers, who, knowing that we always pay all bills on a spot basis, grant us every possible concession in the way of terms.

Our Buying Organization.

is composed of trained and competent men—men who thoroughly understand the ins and outs of trade conditions, and from years of experience, are qualified to take advantage of every favorable turn of the market. We give them unlimited freedom, imposing only one restriction—that they avoid the cheapest grades of merchandise and trash of every description. We will not handle trash.

Quality First, Then the Price.

It seems unnecessary to say anything about the prices printed in this catalogue, but there are so many worthless goods offered for sale nowadays, that we feel compelled to ask our customers to always consider the quality of an article when comparing our prices with those of any other firm, and remember that we refuse absolutely to handle any but the best grades of merchandise.

Don't believe that we are undersold just because other firms sometimes make lower prices on certain articles. Nine times out of ten an inferior article—poor stuff that we refuse to handle at any price—is shipped.

Paints, Oils and Varnishes

A Little Paint Talk

What do you **know** about paint?

The fact is, there is lots of good paint in the world, and some pretty poor stuff masquerading as good paint. And you can't tell one from the other in the can nor by the pretty label. After the paint is spread to the weather and has been tested by the summer sun, the winter frost and the spring rains, then you can begin to tell how good a paint you got.

You've got to take **somebody's** word when you buy paint, or else find out at your own cost.

We take **no** man's word for the quality of our paint, nor do we guess at its quality.

We **know** what we say about our paints is **all true**, for we test and prove our paint.

Our principal line of paint as shown in this book is made to order to our specifications in the most complete paint mill in the world, where every step and process and all the materials are constantly under the eyes of our paint experts.

So good is our paint that it is sold in many thousand stores all over the country **under another name and label** at 50 cents a gallo more than we ask. And it is worth it.

We have made and sold millions of gallons of our paints durin the thirty-five years we have been supplying the people direct wit goods at factory and wholesale prices.

If you have been one of the many who has used our paint i the past, you do not need to be told by us or anybody else how goo our paint is. Whenever **you** buy paint you naturally come to us f the best paint at the lowest prices.

If you never have bought paint of us before, are now in the mark for some paint and on the fence as to where to get a satisfactor paint at a price that is not below the danger point and not above yo pocket-book—**try us this time.** Join the army of people, who fi perfect satisfaction, in quality and price, in buying their paints of u

We are headquarters for perfect paints at popular prices.

Don't forget it. Five years from now, when our paint still lool good to you on your house and barn you will thank us for the goo paint and the low prices you found at Montgomery Ward & Co.'s.

Tower House Paints

$1.10 Per Gallon in 25 gallon half barrels

Ready Mixed. One Gallon will Cover 300 Square Feet, Two Coats.

Here is the paint we have built up our paint reputation on. A house painted with our Tower House Paint looks beautiful and does not require repainting for the longest possible time. It is much cheaper to put on our good Tower paint once in seven or eight years, than to have to repaint every three or four years with a cheap paint Remember, one gallon of Tower House Paint covers 300 square feet of surface two coats. It is suited for both inside and outside painting, and comes in a large variety of rich colors, to suit everyone.

$1.25 Per Gallon in gallon cans

Tower House Paint is Made in the Following Colors:

No.	Color.	No.	Color.	No.	Color.
10	Inside White.	25	Colonial Yellow.	40	True Brown.
11	Outside White.	26	Sage Yellow.	41	Bedford Stone.
12	Light Tan.	27	Light Buff.	42	Blind Green.
13	Cherry Red.	28	Straw.	43	Silk Green.
13½	College Red.	29	Canary.	44	Moss Green.
14	Dark Tan.	30	Medium Stone.	45	Lettuce Green.
15	Wine Color.	31	Gray Tint.	46	Willow Green.
16	Tuscan Red.	32	Light Slate.	47	Sea Green.
17	Myrtle Green.	33	French Gray.	48	Sky Blue.
18	Green.	34	French Drab.	49	Pink Tint.
19	Olive.	35	Pearl Gray.	50	Ocean Blue.
20	Buff.	36	Deep Drab.	51	Rose Color.
21	Fawn.	37	Lead Color.	52	Deep Blue.
22	Black.	38	Seal Brown.	52½	Alice Blue.
23	Cream.	39	Missouri Clay.	53	Lilac.
24	Vermilion.				

Prices of Tower House Paints.

For all colors as shown on the color pages, including Outside and Inside White and Black, except Nos. 15, 42, 52, 24, 17:

BM 7200—1-quart cans, each.....$0.37
BM 7201—2-quart cans, each..... .65
BM 7202—1-gallon cans, each..... 1.
BM 7203—3 and 5-gallon kits, per gal.... 1.
BM 7204—25-gallon half-barrels, per gal.. 1.
BM 7205—50-gallon half-barrels, per gal.. 1.

	1 qt.	2 qt.	1 g
BM 7206—No. 15 Wine Color.	$0.55	$1.00	$1.
BM 7207—No. 42 Blind Green	.60	1.00	2.
BM 7208—No. 17 Myrtle Green	.55	1.00	1.
BM 7209—No. 24 Vermilion.	.60	1.15	2.
BM 7210—No. 52 Deep Blue.	.55	1.00	1.

Star Brand House Paint

Compare the price, compare the covering capacity of Star Brand House Paint with the price and covering capacity of paints sold by other houses at higher prices. Order Star Brand, you make a substantial saving.

Shades and Numbers are the same as Tower Brand. One gallon will cover 250 square feet, two coats.

75c Per Gallon in 25 gallon half barrels

(One Gallon Will Cover 250 Square Feet, two coats.)

Star Brand Mixed Paints are made in the same shades as Tower Brand Mixed Paints. They are intended for either inside or outside uses and are a durable high gloss paint that will last for years without showing mars or cracks, if properly applied They are manufactured from good quality materials and are carefully ground and mixed, will not flake, crack or peel off, and under ordinary conditions will last five years. We can safely assert that **Star Brand Mixed Paints** are the superior in quality of ingredients, in methods of manufacture and in covering and lasting properties to any mixed paint sold at from 10 per cent. to 30 per cent higher price elsewhere.

90c Per Gallon in gallon cans

We carry Star Brand Paint to meet a certain demand for a good paint at a very low price, and there are many places where this is as desirable a paint to use as one costing more money. But we do not hesitate to advise you to pay the slight difference and buy Tower Brand Paint, the best paint in the world, which is very low priced and of superior quality. Remember that while Star Brand Paints are good paints, you must not expect as much of them as of Tower Brand Paints.

Prices of Star House Paints.

BM 7230—1-quart can, each.....$0.28
BM 7231—2-quart cans, each.....
BM 7232—1-gallon cans, each.....
BM 7233—3 and 5-gallon buckets, per gal.
BM 7234—Half-barrels and barrels per gal

	1 qt.	2 qt.	1
BM 7235—No. 15 Wine Color.	$0.40	$0.75	$1
BM 7236—No. 42 Blind Green	.45	.85	1
BM 7237—No. 17 Myrtle Green	.40	.80	1
BM 7238—No. 24 Vermilion.	.50	.90	1
BM 7239—No. 52 Deep Blue.	.40	.75	1

Send for Color Card of Paints. Address request to Building Material Division.

FREE Putty Knife, Putty, Sandpaper and Glaziers' Points.

Given free with house and barn paint orders for $5.00 or more, if you ask for them when you send in your paint order.

With every dollar's worth of paint or anything else you buy of us you receiv Dividend Certificate for the full amount of your purchase. The complete Divide List of valuable articles which Dividend Certificates can be exchanged for with additional cost is printed in our large Catalogue. If you haven't one, send for it.

Color Combinations and Suggestions

In Body and Trimming Colors for Artistic Painting

In choosing the colors for your buildings be governed somewhat by the surroundings. A building standing alone will be satisfactory with many colors that could not be used in heavy foliage, or if near buildings painted in very decided colors. A town full of drab houses looks dull and dreary, while a single house standing alone painted in drab and trimmed in gray shades is often very pleasing. Keep the colors of your house in harmony with any neighboring houses, but avoid the same colors.

A contrasting color may improve the looks of the entire neighborhood, if it is a harmonious contrast and full of character.

The white house with the green blinds makes a very pleasing home, but it costs more to paint a house in these colors, because it takes more coats of white paint, and green paint for blinds is $2.00 a gallon. The white house without the green blinds, however, is to be avoided.

Some of the richest and most pleasing combinations of colors for body of house and trimming of sash, doors, mouldings, eaves, porch, etc., are the following.

Body of House.	Trim with Either Number.
Colonial Yellow, No. 25	15—19—21—or White
Pearl Gray, No. 35	19—33—37—or White
Buff, No. 20	34—38—39—40
Deep Drab, No. 36	14—34—or White
Bedford Stone, No. 41	19—31—42—46—or White
French Drab, No. 34	14—21—or White
Green, No. 18	19—46—or White
Lead Color, No. 37	15—17—35—or White
Medium Stone, No. 30	34—36—37—39
Light Buff, No. 27	19—23—29—or White
Canary, No. 29	23—25—or White
French Gray, No. 33	19—21—26—37—or White
Pink Tint, No. 49	15—19—21—31
Olive, No. 19	17—23—44—46
Missouri Clay, No. 39	15—21—37—44
Seal Brown, No. 38	23—34—39

Many other rich and pleasing combinations of colors are possible from the various serviceable shades we present on our color card. **All the above have been tried and approved.** You will have a preference in colors, and we can supply you with exactly what you want at the lowest price for an honest paint.

Stain the Shingles when you paint the body of your house, to make the job appear best and look finished and complete, and to double the life of your shingle roof. It costs but little.

SIMPLE RULE for telling you just how much paint is needed for any size building:

Add together the number of feet it measures all around your building, the front, rear and both sides, and multiply the sum by the number of feet the house is high. Then divide this by 300 for "Tower" House Paint (300 being the number of square feet one gallon of "Tower" Paint will cover two coats) or divide by 250 for "Star" Paint. The result will be the number of gallons needed to paint the entire house outside.

Example. Say your house is 20 feet x 30 feet and 20 feet high.

Front 20 ft. + Rear 20 ft. + Side 30 ft. + Side 30 ft. = 100 ft.

Multiply 100 ft.×20=2,000 sq. ft.

Divide 2,000 sq. ft. by 300=about 7 gallons Tower Paint; or, for Star Paint, divide 2,000 sq. ft. by 250=8 gallons Star Paint.

Montgomery Ward & Co's Celebrated Varnishes

The Varnishes listed herein are guaranteed to be equal in quality to any brand under any Varnish Manufacturer's label, although our prices are very much lower. Each Varnish is especially prepared for its individual purpose, and will give most satisfactory results.

General Directions for Finishing New Work:

Open grain woods, such as Oak, Ash, etc., must be filled first with Paste Filler, our BM 7390, and must be given not less than 24 hours to dry before any varnish is applied.

Close grain woods require no filling; apply varnish in regular manner and follow directions regarding particular varnishes used, as to drying, rubbing, etc.

General Directions for Re-Finishing Old Work:

See that the work is perfectly clean and free from any grease or dirt before finishing and then lightly sandpaper the surface to be re-finished. To obtain a nice, full lustre the varnish used should not be a Rubbing or Polishing varnish, unless a polished finish is desired.

Rubbing is done with rubbing felt and fine pumice stone, using either water or oil; dip the rubbing felt lightly in the water or rubbing oil, then dip the moist felt in the pumice stone and rub the surface up and down with the grain of the wood. A smoother or more velvety dull rubbed finish can be obtained by using the rubbing oil instead of water.

To obtain a polished finish the varnish must first be rubbed as per directions, allowed to stand not less than 24 hours, then polished with Furniture Polish, using very soft cotton waste or cheese cloth.

Household Varnishes

BM 7500—Extra Light Hard Oil Finish.

1-Gal. Cans.	1 Gal.	½ Gal.	Quarts.	Pints.
$5.75	$1.25	$0.72	$0.40	$0.22

A pale Oil Finish, dries with a brilliant luster, and can be rubbed and polished. Is especially adapted for either grained work or light natural woods. Brushes very freely and dries free from dust in from three to five hours. Can be rubbed and polished in 48 hours.

BM 7504—Index Hard Oil Finish.

1-Gal. Cans.	1 Gal.	½ Gal.	Quarts.	Pints.
$4.50	$1.00	$0.60	$0.33	$0.20

Very similar to Extra Light Hard Oil Finish, but not quite as light in color nor as durable. Is used for medium grade work.

BM 7506—Index Floor Finish.

1-Gal. Cans.	1 Gal.	½ Gal.	Quarts.	Pints.
$8.00	$1.70	$0.95	$0.55	$0.30

Suitable for finishing floors, linoleum or other work where extreme durability is required. Is very tough and elastic, and will not turn white when floor is washed. Dries hard over night.

BM 7510—Cabinet Finish.

1-Gal. Cans.	1 Gal.	½ Gal.	Quarts.	Pints.
$6.75	$1.45	$0.82	$0.45	$0.25

This varnish is especially adapted for finishing chairs, furniture, tables, etc. It will dry hard in 4 hours, and positively will not soften up or print. Rub and polish in 48 hours.

BM 7514—Extra Light Coach.

5-Gal. Cans.	1 Gal.	½ Gal.	Quarts.	Pints.
$8.00	$1.70	$0.95	$0.55	$0.30

Especially adapted for Interior Work. Dries hard with very high gloss in about 36 hours. A splendid Varnish where work is to be given but one coat, on account of its very high luster.

BM 7516—No. 1 Coach.

5-Gal. Cans.	1 Gal.	½ Gal.	Quarts.	Pints.
$5.00	$1.10	$0.60	$0.35	$0.20

To be used for Interior Woodwork, and dries hard in 36 hours. Very similar to Extra Light Coach; not quite as full drying nor as durable.

BM 7520—No. 1 Furniture.

5-Gal. Cans.	1 Gal.	½ Gal.	Quarts.	Pints.
$4.00	$0.90	$0.55	$0.30	$0.15

For use on Furniture. Dries quickly and has good luster. Will dry hard in about 24 hours.

BM 7522—Turpentine White Batavia Damar.

5-Gal. Cans.	1 Gal.	½ Gal.	Quarts.	Pints.
$7.00	$1.50	$0.85	$0.50	$0.30

For use over White Enamel work, as it will not discolor the work. Has good luster and dries in about eight hours.

BM 7524—Fresco Wall Size.

5-Gal. Cans.	1 Gal.	½ Gal.	Quarts.	Pints.
$2.50	$0.60	$0.40	$0.25	$0.15

For use on Plastered Walls to make proper surface for paints and kalsomine, as it prevents suction. Dries in about eight hours.

BM 7526—Gloss Oil.

5-Gal. Cans.	1 Gal.	½ Gal.	Quarts.	Pints.
$2.00	$0.50	$0.35	$0.25	$0.15

This article dries very hard, which is not the case with other Gloss Oils on the market. Can be used for Sizing.

BM 7528—Turpentine Japan Dryer.

5-Gal. Cans.	1 Gal.	½ Gal.	Quarts.	Pints.
$4.50	$1.00	$0.60	$0.35	$0.20

A very good binder and strong dryer. Mixes readily, and does not injure the life of the paint.

BM 7530—No. 1 Oil Dryer.

5-Gal. Cans.	1 Gal.	½ Gal.	Quarts.	Pints.
$2.25	$0.55	$0.35	$0.25	$0.15

Similar to Turpentine Japan Dryer, but a little darker in color and not quite as strong.

Building Varnishes

BM 7534—M. W. & Co.'s Exterior Spar Varnish.

5-Gal. Cans.	1 Gal.	½ Gal.	Quarts.	Pints.
$15.75	$3.25	$1.70	$0.90	$0.50

For finishing Outside Doors, Store Fronts, and all exposed parts, and any interior work where extreme elasticity and durability is required. Dries in three to four days.

BM 7536—M. W. & Co.'s Interior Spar Varnish.

5-Gal. Cans.	1 Gal.	½ Gal.	Quarts.	Pints.
$11.50	$2.40	$1.30	$0.70	$0.40

Especially adapted for use on very fine interior work, where a rich, durable finish is desired. It is light in color, works free and easy, and can be rubbed to a dull finish or highly polished if desired. Dries free from dust in six hours, and can be rubbed and polished in three days.

BM 7540—M. W. & Co.'s Floor Finish.

5-Gal. Cans.	1 Gal.	½ Gal.	Quarts.	Pints.
$10.75	$2.25	$1.25	$0.65	$0.35

This is the most durable and elastic Floor Varnish on the market. Is not affected by either hot or cold water, and will not mar white from heel marks. Sets dust free in three or four hours and dries hard over night.

Shellacs

Our shellacs are made from the best quality shellac gums only and are cut either in refined wood spirits or grain alcohol. Our white shellacs are made from absolutely bone dry white gums and the orange shellac is made from orange gum of a light color, entirely free from dirt or other foreign matter.

	Qts.	½ gal.	5-gal. can Gal.	Per gal.
BM 7410—Grain Alcohol, Orange A	$1.00	$1.90	$3.75	$3.65
BM 7411—Grain Alcohol, White A	1.00	1.95	3.85	3.75
BM 7412—Wood Alcohol, Orange A	.75	1.40	2.75	2.65
BM 7414—Wood Alcohol, White A	.75	1.45	2.85	2.75

Liquid Wood Filler

This is a perfectly transparent filler for use on close grain and soft woods, which fills all the pores perfectly. Dries hard in a very short time and leaves a hard, smooth surface for finishing. Is applied with a brush as mixed paint and brushed out thin.

	Per gal.
BM 7393—Barrels, 50 gallons	$1.00
BM 7394—Half-barrels, 25 gallons	1.05
BM 7395—Five and ten-gal. cans	1.10
BM 7396—Gallon cans	1.15

Natural Wood Paste Filler.

Intended for open grained wood such as oak, ash, etc. Should be spread on and wiped off before it entirely hardens with a rough piece of burlap, wiping across the grain.

	Per lb.
BM 7390—1 to 5-lb. cans	$0.08
BM 7391—10-lb. cans	.07
BM 7392—25-lb. cans	.06

Oil Wood Stains

For new woodwork only.

These are high class oil stains made by grinding permanent colors in pure linseed oil and turpentine. They are used on new woodwork only and a coat of varnish must be applied to give them a gloss finish.

Colors—Cherry, Oak, Antique Oak, Mahogany, Rosewood, Walnut and Ebony.

BM 7300—Pint cans	$0.22
BM 7301—Quart cans	.40
BM 7302—Half-gallon cans	.70
BM 7303—Gallon cans	1.30

Varnish Stains.

To make things beautiful about the home.

A combined stain and varnish for use over old or new woodwork or furniture. They dry in from 8 to 12 hours with a high gloss finish that is very durable and which will not lose its lustre for years. They are made in seven popular shades and are very easily applied. In using them have the woodwork thoroughly cleansed from dust and dirt, then apply the varnish stains, natural consistency, brushing out very little. Over old work of a darker shade it is sometimes necessary to apply two or more coats.

BM 7310—Gallon cans, each	$1.40
BM 7311—Half-gallon cans, each	.75
BM 7312—Quart cans, each	.40
BM 7313—Pint cans, each	.22
BM 7314—One-half pint cans, each	.16

Colors—Cherry, Oak, Antique Oak, Mahogany, Rosewood, Walnut and Ebony.

Germicide Varnish Stains

Sure death to lurking disease germs. For use in sick rooms, hospitals, public schools, public buildings, etc. This may be a new idea to you, but it is a sensible, sanitary paint proposition. May be applied anywhere.

This is a durable, brilliant, stained varnish, mixed with deodorizing and germicidal ingredients, and always looks clear and bright. These stains can be used over old or new woodwork, plaster, glass, furniture, etc., either inside or outdoors. The very best sanitary varnish stains for all purposes. Made in the following colors:

Red, Oak, Walnut, Cherry, Oriental Green, Natural, Mahogany, White (Flat and Gloss), Black (Dead and Gloss).

BM 7260—Gallon cans $2.75
BM 7261—Half-gallon cans 1.40
BM 7262—Quart cans ..... .75
BM 7263—Pint cans ..... .40
BM 7264—Half-pint cans ..... .22

Japalac

Is made in the following colors: Oak, Walnut, Mahogany, Cherry, Malachite Green, Ox-blood Red, Brilliant Black, Dead Black, Natural, Gloss White, Flat White, Ground, and Empire Blue.

	Each.
BM 7280—One-gallon cans (all colors)	$2.25
BM 7281—One-half gallon cans (all colors)	1.20
BM 7282—Quart cans (all colors)	.68
BM 7283—Pint cans (all colors)	.36
BM 7284—One-half pint cans (all colors)	.23
BM 7285—One-quarter pint cans (all colors)	.13
BM 7286—Natural, in five-gallon cans only	12.00

Mission and Weathered Oak Finishes

Here are the new Mission finishes, made in eight shades, viz.; Natural Mission Oak, Light Weathered Mission Oak, Medium Weathered Mission Oak, Dark Weathered Mission Oak, Bog Mission Oak, Fumed Mission Oak, Brown Flemish Mission Oak, and Black Flemish Oak. They produce permanent, beautiful, dark velvety stains that last as long as the woodwork itself. They are easily applied and can be used over either hard or soft wood, but can only be applied on new woodwork or woodwork from which the old finish has been taken with Paint and Varnish remover.

They are very economical, as one gallon will cover 1,000 or more square feet and one coat only is required. They are much used in all the later dwellings and do not fade or show mars. Can be used on floors, furniture and woodwork.

BM 7350—One-gallon cans $2.50
BM 7351—One-half gallon cans 1.25
BM 7352—One-quart cans ..... .75
BM 7353—One-pint cans ..... .50
BM 7354—One-half pint cans ..... .30

Liquid Enamel

The Handiest Paint for all Indoor Uses.

This paint is intended for use on interior woodwork, furniture, and walls where a high gloss and durable finish is wanted. It can be applied over plaster, glass, ironwork, or woodwork, giving a beautiful and lustrous coating that is not affected by heat or cold, and can be wiped up with a damp cloth without harm to the finish. It will dry hard in from 12 to 16 hours and will not crack, mar or scale off under the severest conditions. In applying enamel, flow it on, natural consistency, very freely and brush out only enough to keep it from running. Colors are shown on color pages.

BM 7130—Gallon cans, each $1.50
BM 7131—One-half gallon cans, each ..... .80
BM 7132—Quart cans, each ..... .45
BM 7133—Pint cans, each ..... .25
BM 7134—Half-pint cans, each ..... .15

Interior Rubbing Enamel

Is an exceptionally durable, high gloss enamel, for use where an especially brilliant finish is desired. It withstands the hardest wear without showing mars or cracks and will last for years. Can be rubbed flat or to an egg-shell gloss. Made in the same colors as Liquid Enamel Paints.

BM 7140—Gallon cans, each $2.50
BM 7141—Half-gallon cans, each 1.30
BM 7142—Quart cans, each ..... .70
BM 7143—Pint cans, each ..... .45
BM 7144—Half-pint cans, each ..... .25

Floor Wax

Produces a brilliant finish for hard wood floors and is easily kept clean. Dust and dirt will not adhere to it and renders apartments moth proof. It is easily applied. Dries very hard in a short time and can be rubbed to a high gloss finish. Is the nearest approach to varnish finish made.

BM 7380—1 and 2-lb. cans, per lb $0.40
BM 7381—5 and 10-lb. cans, per lb ..... .38
BM 7382—Powdered Dancing Floor Wax, per lb ..... .40

Wood Bleacher and Stain Remover

A liquid preparation that will take spots or stains out of woodwork, and that bleaches floors, window sills, doors, and woodwork to its natural color. It acts quickly and is easily applied.

BM 7370—Quart bottles, each $0.75
BM 7371—Pint bottles, each ..... .40

Floor Reviver

A Superior Article for Reviving and Brightening any Varnished Surface. Especially Adapted for Floors, Wainscoting and all Woodwork.

Prices.

BM 7420—One-gallon cans $2.00
BM 7421—One-half gallon cans 1.10
BM 7422—One-quarter gallon cans ..... .60
BM 7423—One-eighth gallon cans ..... .35

Waxelite

Intended for soft wood floors, as well as hard wood, and is much used in kitchens, pantries, hallways, etc. It produces a smooth, even surface that can be easily scrubbed and wiped up, and will not show heel marks or scars. It is germ and insect proof and is the best thing that can be used for nurseries or sleeping apartments. Comes in liquid form and is easily applied.

Prices.

BM 7416—1 Gal. cans $1.30
BM 7417—½ Gal. cans ..... .70
BM 7418—¼ Gal. cans ..... .42
BM 7419—⅛ Gal. Cans ..... .20

Varnish and Stain Floor Finishes

These finishes, which are made in the same colors as Montgomery Ward & Co.'s Varnish Stains, are intended for use over floors, furniture or woodwork where a lustrous and durable finish is desired. As they are a varnish and stain in one, a single application is sufficient except on floors that receive extremely hard wear. They do not show mars or scratches and cover up all blemishes in the wood. They are not affected by hot or cold water and can be washed or scrubbed. They dry very quickly and are easily applied. Be sure that the floor or article of furniture is free from all dirt or grease, then apply natural consistency, brushing out only enough to keep it from running.

BM 7250—One-gallon cans $1.65
BM 7251—One-half gallon cans ..... .85
BM 7252—Quart cans ..... .45
BM 7253—Pint cans ..... .25
BM 7254—One-half pint cans ..... .15

Paint and Varnish Remover

Here is a liquid preparation that removes all paint, varnish, shellac, and similar coatings from any surface almost instantly, without injuring the finest wood or veneer. Anyone can apply it and it leaves the surface in perfect condition for the new finish. Invaluable for refinishing old furniture or scratched woodwork. Directions with each can.

BM 7360—One-gallon cans $1.75
BM 7361—One-half gallon cans ..... .90
BM 7362—One-quarter gallon cans ..... .50
BM 7363—One-pint cans ..... .27
BM 7364—One-half pint cans ..... .15

One gallon will remove the varnish from about four hundred to five hundred square fet of surface. Where the paint or varnish is on very heavy two applications may be necessary.

M. W. & Co.'s Crack and Crevice Filler

A perfect preparation for filling cracks in Floors and Woodwork, which dries hard, does not shrink and adheres perfectly to the wood. Put up in 1, 2 and 5-pound friction top cans with large opening.

M. W. & Co.'s Crack and Crevice Filler is light and bulky, and dries perfectly hard in twenty four hours, so that finishing coats can be applied. It is far superior to putty, as it is not oily or greasy, and is similar to hard drying wax. It makes Floors and Woodwork Moth and Insect Proof.

BM 3706—1 and 2-lb. cans, per lb $0.15
5 and 10 lb. cans, per lb ..... .12

Floor, Barn, Fence and Roof Paints

Interior Floor Paint.

Floor paints must have materials which will resist the constant hard wear to which floors are subjected. In Tower Brand Floor Paints, for inside use, there is combined the most durable, wear-resisting pigments known, ground in tough, elastic oils. This insures a paint that will not show mars, scratches of heel marks, and one that can be scrubbed or washed without injury and that dries hard in a very short time with a beautiful, high gloss. This is the paint you want for your kitchen floor. Tower Brand Floor Paints cover 250 square feet, 2 coats to the gallon.

Price of Inside Floor Paint.

BM 7438—1 gal., $1.00 ½ gal., 55c. Quarts, 30c.

Outside Floor Paint.

For outside work on porches, steps, etc., we make a special paint that, in addition to withstanding the wear and tear of constant usage, resists the action of the wind, rain, and weather. Tower Brand Outside Floor Paint is the best and longest-lived floor paint for outside use that can be made. One gallon covers 250 square feet, 2 coats. Colors shown on color page.

Price of Outside Floor Paint.

BM 7446—1 gal., $1.00 ½ gal., 55c. Quarts, 30c.

Tower Barn Paint

For Roof, Barn and Fence.

Tower Barn Paint is the best paint in the world for its purposes. It is weatherproof, rust proof, will not crack or blister under the severest condition. Use it on your barns, fences, tin or shingle roofs, outbuildings, iron work, and all other weather exposed surfaces. It preserves while it beautifies. Water caught from roofs on which this paint is used can be used for washing or drinking purposes, as it contains no poisonous ingredients that will dissolve in water. Tower Barn Paint withstands the hardest wear and exposure to the elements for years without losing any of its bright, glossy appearance. It is as high-grade a paint for its uses as can be manufactured. One gallon covers 250 square feet, 2 coats. It should be thinned in the same proportion as house paint and applied in a similar manner. Colors shown on color page.

Price of M. W. & Co.'s Tower Barn Paints:

BM 7093—1-gallon cans, per gallon $0.85
BM 7094—3 and 5-gallon cans, per gallon .. .75
BM 7095—Barrels, 50-gals. and half-barrels, 25-gals., per gal. ..... .65

Star Barn Paint

For our customers who do not have use for the highest grade roof, barn, and fence paint, we have put in a cheaper but really excellent paint under the name of **Star Barn Paint.**

Colors of Star Brand are the same as Tower Brand. See color pages.

Prices of Star Barn Paint:

BM 7096—1-gallon cans, per gallon $0.65
BM 7097—3 and 5-gallon kits, per gallon .. .45
BM 7098—Barrels and half-barrels, per gal. .45

Monarch Iron Paint

For Metal Roofs Only.

Cannot be excelled for general durability and preservative qualities. It is made especially for covering all kinds of metal work, dries rapidly with a hard, glossy, black finish, and is absolutely water and acid proof. One gallon will cover about three hundred square feet, two coats.

	Per gal.
BM 7110—Two-gallon cans	$0.75
BM 7111—Five-gallon cans	.45
BM 7112—Ten-gallon cans	.40
BM 7113—Twenty-five gallon (half-barrels)	.35
BM 7114—Fifty-gallon (barrels)	.30

Can furnish only in black.

Young's Elastic Rubber Roof Paint

This paint will stand expansion and contraction, caused by weather changes, without cracking or peeling; will not run in the hottest weather, or crack in the coldest.

"Young's Elastic Rubber Roof Paint" gives a bright, glossy finish, absolutely sunproof and waterproof, elastic and durable.

It Repairs Leaky Roofs.

One of the features of this paint is the repairing of leaky roofs. A leak can be stopped forever by painting the surface over the leak, laying a piece of muslin on, and then coating the muslin with this paint. You then have a patch that is absolutely waterproof.

This Paint is received all ready to apply. Does not require to be thinned. Thoroughly sweep or scrape surface to be painted before applying.

BM 7100—Bbls., 50 gallons each, per gal. . $0.35
BM 7102—Half-bbls. 28 gallons each, per gal .38
BM 7103—5-gallon jacket cans, per gal. . .43
BM 7104—1-gallon cans, each 48

Shingle Stains

Did you ever think how unfinished it looks to paint the body of a house and leave the shingles unpainted? To paint the shingles and leave the body of the house unpainted would be just as unwise, and look as well.

A house looks twice as well with the shingles stained, and the shingles last fully twice as long when thus treated.

It is economy to beautify your buildings by painting the roofs with Montgomery Ward & Co.'s Shingle Stain, because of its little cost and great preservative qualities.

The shingles may be either dipped or the stains may be applied with a brush. They are made in eight shades, the most serviceable and desirable of which are Clover Red, Black, Brown, Moss Green, and Natural. They contain no poisonous ingredients that will dissolve in water. One gallon will cover 100 square feet, 2 coats, when applied with a brush, or 2½ gallons will cover about 1,000 shingles two-thirds of their length, if dipped.

BM 7290—One-gallon cans $0.58
BM 7291—Five or ten-gallon kegs, per gal. .53
BM 7292—One-half barrel (25 gals.), per gal .48
BM 7293—Barrels (50 gals.), per gal. 43

Dry Colors

Our complete line of dry colors is unsurpassed in strength, permanency and purity of colors. They always give satisfaction and are the best high grade goods on the market.

	Orig. Package per lb.	Less Quantity. per lb.
Blacks.		
BM 7063—English Powdered Drop Black—200-lb. bbls.	$0.17	$0.18
BM 7064—Lamp Black Germantown—50-lb. bbls. . .	.09	.10
BM 7065—Bone Black — 210-lb. bbls.	.03	.04
Blues.		
BM 7066—Celestial Blue—200-lb. bbls.	.09	.10
BM 7067—Powdered Chinese Blue —200-lb. bbls.	.35	.38
BM 7068—Prussian Blue—200-lb. bbls.	.22	.24
BM 7069—Cobalt Blue — 28-lb. boxes	.16	.18
BM 7070—Ultramarine Blue—28-lb. boxes	.10	.11
Greens.		
BM 7071—Chrome Green, Best—250-lb. bbls.	.09	.10
BM 7072—Strictly Pure Green—250-lb. bbls.	.20	.22
Reds.		
BM 7073—American Vermilion—100-lb. kegs.	.12	.13
BM 7074—Permanent Vermilion—100-lb. kegs.	.20	.22
BM 7075—Rose Pink—100-lb. kegs	.12	.13
BM 7076—Turkey Red — 100-lb. kegs	.16	.18
BM 7077—Tuscan Red — 200-lb. bbls.	.09	.10
BM 7078—Rose Lake—100-lb. kegs	.20	.22
BM 7079—Red Lead—25 and 50-lb. kegs.	.07½	.08½
Yellows.		
BM 6980—Chrome Yellows, Genuine—200-lb. bbls. . .	.14	.15
BM 6981—Chrome Yellow, Chemically Pure—200-lb. bbls.	.18	.19
Whites.		
BM 6982—Flake White — 200-lb. bbls.	.16	.18
BM 6983—French Zinc, Green Seal —220½-lb. bbls. . . .	.11	12
BM 6984—Plaster Paris—200-lb. bbls.	.01¼	.02
BM 6985—Silver White—400-lb. bbls.	.01½	.02
BM 6986—Gilders Whiting—300-lb. bbls.	.01¼	.01½
BM 6987—White Mineral Primer—560-lb. bbls.	.01	.01½
Browns, Dry.		
BM 6988—Raw Umber Turkey—300-lb. bbls.	.05	.06
BM 6989—Burnt Umber, Turkey—300-lb. bbls.	.04	.06
BM 6990—Raw Sienna, Italian—300-lb. bbls.	.05	.06
BM 6991—Burnt Sienna, Italian—300-lb. bbls.	.05	.06
BM 6992—Vandyke Brown, German—300-lb. bbls. . . .	.05	.06
BM 6993—Spanish Brown — 300-lb. bbls.	.05	.05
Sundry Dry Colors.		
BM 6994—Rochelle Ochre—420-lb. bbls.	.01	.02
BM 6995—Golden Washed Ochre—450-lb. bbls.	.01	.02
BM 6996—French Buff (Light)—375-lb. bbls.	.01	.02
BM 6997—French Gray or Slate—375-lb. bbls.	.01	.02
BM 6998—American Venetian Red —350-lb. bbls.	.01	.02
BM 6999—Cookson's English Venetian Red—336-lb. bbls.	.01¼	.02
BM 7080—Imperial English Venetian Red — 336-lb. bbls.	.01¼	.02
BM 7081—Chrome Ochre, Light, Medium and Dark—350-lb. bbls.	.02½	.03½
BM 7082—Red Oxide—350-lb. bbls	.01	.02
Iron Paints.		
BM 7083—Dark Red Iron Paint—350-lb. bbls.	.01¼	.01¾
BM 7084—Rossie Red, German—350-lb. bbls.	.01¼	.01¾
BM 7085—Princess Mineral (Reddish Brown), 350-lb. bbls.	.01¼	.01¾

White Lead

Strictly Pure, Ground in Oil.

BM 7020—Southern, Shipman, Red Seal, Collier or Erkstine, Pure Lead in Oil . . . . . Per lb. $0.07½
BM 7021—M. W. & Co.'s Strictly Pure White Lead in Oil—12½, 25, 50 and 100-lb. kegs, guaranteed equal to any advertised white lead on the market 07
500 lbs. and upward 06¾
BM 7022—M. W. & Co.'s Special Brand, warranted to give as good satisfaction as strictly pure; 12½, 25, 50 and 100-lb. kegs 05¼
500-lb. lots and upward 05
BM 7023—American White Lead, 1 and 5-lb. cans; not a pure lead. . .08

Zinc and Putty

BM 7024—Strictly Pure French Zinc, in oil, 12½ and 25-lb. cans. . .12
BM 7025—Strictly Pure French Zinc, in oil, 1 to 5-lb. cans 15
BM 7026—Zinc, in oil, American Snow White, 12½ and 25-lb. pails .07
BM 7027—Putty in bladders, 10 to 25 lbs.; any quantity 02½

Oils

Pure Linseed Oil (Raw)

We guarantee every gallon of Linseed Oil, either the Raw il or Boiled Oil to be absolutely Pure and of the highest uality.

M 4565—Barrels, 52 gallons, per gal. $0.42
Half barrels, 28 gals., per gal. 45
5 gallon can (jacketed), per can. 2.45
1 gallon cans, per can 54

Pure Linseed Oil (Boiled)

M 4567—Barrels, 52 gals., per gal. $0.43
Half barrels, 28 gals., per gal. 46
5 gallon cans (jacketed), per can. 2.50
1 gallon cans, per can 55

Spirits of Turpentine (Pure)

BM 4570—5 gallon cans (jacketed), per can. $4.40
1 gallon cans, per can 93

Pure Colors Ground in Oil

	1 lb. Can	5 lb. Can
BM 7000—Drop Black	$0.11	$0.53
BM 7001—Ivory Black	.12	.58
BM 7002—Coach Black	.13	.63
BM 7003—Lamp Black	.14	.65
BM 7004—Prussian Blue	.35	1.70
BM 7005—Ultramarine Blue	.16	.75
BM 7006—Italian Sienna, raw or burnt	.10	.48
BM 7007—Turkey Umber, raw or burnt	.11	.53
BM 7008—Vandyke Brown	.11	.53
BM 7009—Chrome Green	.12	.58
BM 7010—Scarlet Vermilion	.17	.80
BM 7011—Tuscan Red	.15	.73
BM 7012—Venetian Red	.07	.33
BM 7013—Indian Red	.13	.63
BM 7014—Chrome Yellow	.15	.73
BM 7015—Yellow Ochre	.07	.33
BM 7016—Graining Colors — Mahogany, Cherry, Walnut, Light Oak and Dark Oak	.11	.53
BM 7017—Red Lead	.11	.53
BM 7018—Flat Brick Red	.09	.43

Kalsomine

That Won't Rub Off.

Our **Index** Brand is a high grade cold water kalsomine, extremely durable and always looks bright and attractive. A five-pound package will produce enough kalsomine to cover from 300 to 500 square feet, according to the condition of the surface.

BM 7086—Index, White, 5-lb. package. . . . $0.30
BM 7087—Index, Tints, 5-lb. package. 35

Graphite Paint

Made of pure graphite, ground in preserving oils. Is wear resisting and protects surfaces such as iron works, metal pillars, etc., from rust and corrosion.

In Black Only. Per Gal.
BM 7170—One-gallon cans $1.50
BM 7171—Five-gallon cans 1.45
BM 7172—Barrels 1.40

Screen Paint

A specially prepared preservative paint that will protect wire screens from rust or wear. It dries hard in a short time with a beautiful gloss and will not clog the meshes. It is applied by brushing through from one side, leaving on just enough paint so it will not run. A pint will go over a number of screens. Made in two colors, Black and Green.

BM 7319—Quarts $0.50
BM 7320—Pints 30
BM 7321—Half-pints 18

Elastic Paint

For repairing leaks on all kinds of roofs, gutters, eave troughs, etc. You can apply it yourself with a putty knife or paddle; no tinner or roofer required. Where once applied it will stay. The weather does not affect it, and it will last for years. Each.

BM 7482—2-lb. can $0.30
BM 7483—5-lb. can 60

BM 7088—Index, White, twenty 5-lb. packages in case 5.75
BM 7089—Index, Tints, twenty 5-lb. packages in case 6.50
BM 7090—Index, White, in 100-lb. kegs. . 5.25
BM 7091—Index, Tints, in 100-lb. kegs. . . 6.00

Pure French (Rochelle) Ochre.

Ground in Oil.

BM 7019—100-lb. kegs, per lb. $0.3¾
25-lb. cans, per lb. 4

For Priming Coat.

12½-lb. cans, each $0.50

We can furnish pure Venetian Red, ground in oil, at same prices as the Rochelle Ochre.

Waterproof Cold Water Paint

Better than Whitewash for Outside and Inside Use.

BM 7092—Our Index Brand is an inexpensive substitute for oil paint on rough work, such as barns, sheds, fences, and all out-buildings. Far superior to whitewash. If used according to directions, will not crack, peel, or turn color with age. One gallon covers about 300 square feet, one coat. Five pounds of Index Cold Water Paint mixed in water produces one gallon of paint.

	Bbls. 400 lbs.	Kegs. 100 lbs.	Kegs. 50 lbs.	Packages. 5 lbs.
White, per lb.	$0.06	$0.06½	$0.07	$0.07½
Nos. 30, 57, 62, per lb.	.07	.07½	.08	.08½
32, 33, 37, 54, 56, 65, per lb.	.07½	.08	.08½	.09
1, 38, 58, and Black, per lb.	.09	.09½	.10	.10½

Send for Color Card. Address your request to Division B. M.

Metal Ceilings

The advantages of steel ceilings as a modern substitute for wood or plaster are apparent to every one and scarcely need comment.

The expense of repair and the annoyance and danger of falling plaster have demonstrated the necessity of a fire and water proof material, which will not warp or crack.

Our patent steel ceilings combine these essentials in handsome and artistic designs and are light and elegant in appearance and practical in construction.

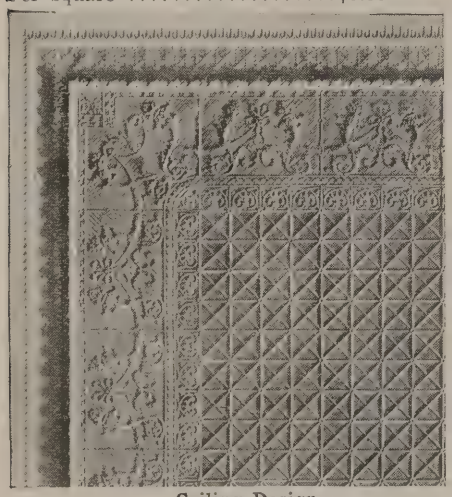
If a diagram of the room to be ceiled is sent us showing dimensions, shape and locations of all offsets, openings and irregularities, giving height of ceiling and design wanted, we will be pleased to make an exact estimate of the material you will need for the work.

We wish to call particular attention to the lapping bead used on our metal ceilings. Each bead is machined in the steel dye and is absolutely correct, making a dust proof joint, as the beads fit perfectly together.

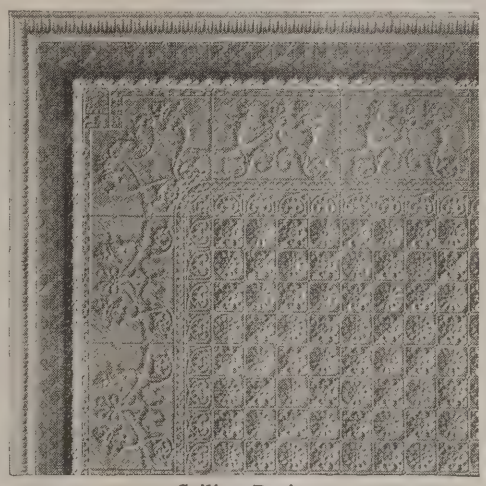
Please note—The prices as here given do not include furring strips, as customers usually wish to procure these in their home town. It requires about 200 lineal feet of strip, ⅞ x ⅞, for each square of ceiling. If wanted shipped with ceiling, add 75c. per square to the price of ceilings.

Wall Design.
BM 8159.
Price, based on room 13 ft. 6 in. high (not including cornice); Per square **$5.30**

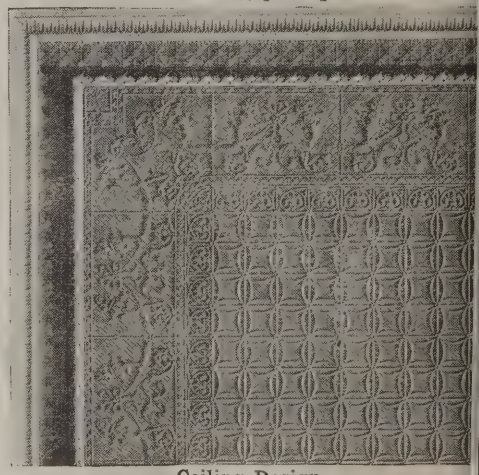
Wall Design.
BM 8155.
Price, based on room 11 ft. 6 in. high (not including cove and foot mould), per square..... **$5.0**



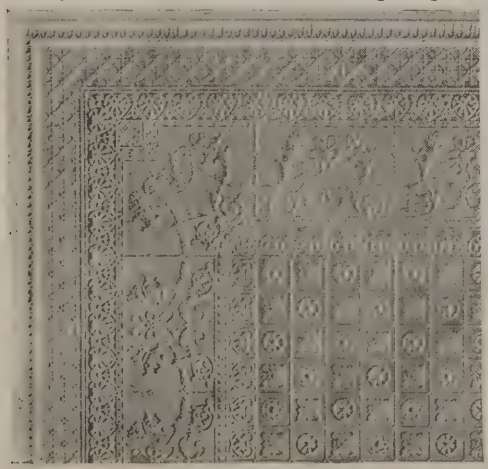
Ceiling Design.
BM 8237.
Price, based on room 20x40 ft., **$4.70** per square.



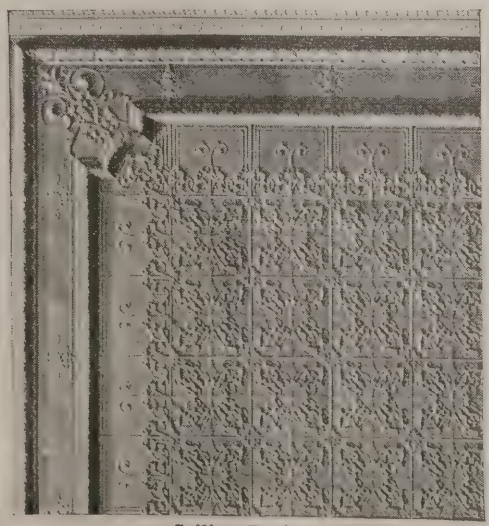
Ceiling Design.
BM 8231.
Price, based on room 20x40 ft., **$4.70** per square.



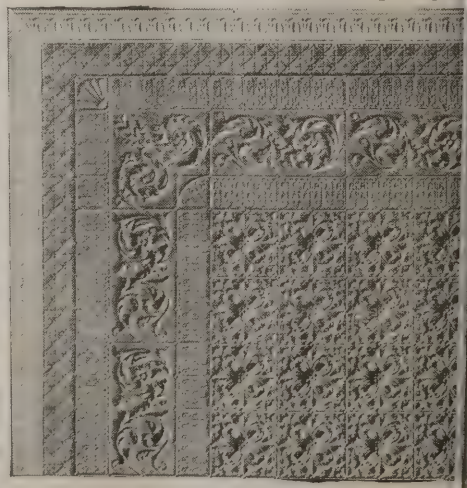
Ceiling Design.
BM 8236.
Price, based on room 20x40 ft., **$4.70** per squa



Ceiling Design.
BM 8100.
Price, based on room 20x40 ft., **$4.70** per square.



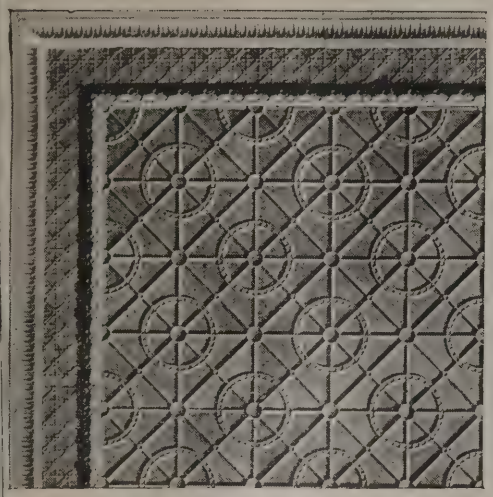
Ceiling Design.
BM 8209.
Price, based on room 20x40 ft., **$5.00** per square.



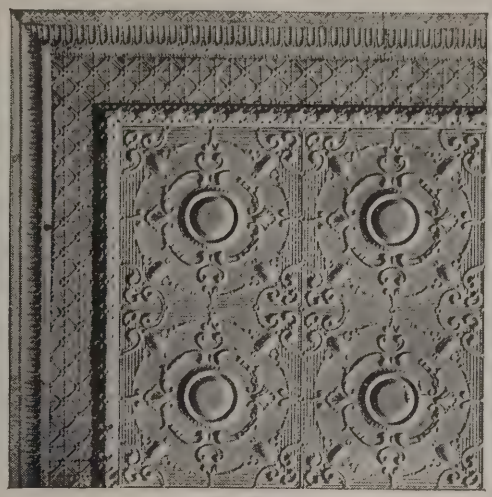
Ceiling Design.
BM 8253.
Price, based on room 20x40 ft., **$5.00** per squ

A Square as Mentioned above is 100 Square Feet.

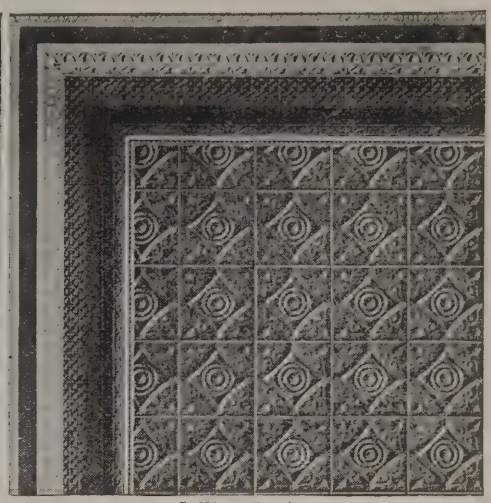
Metal Ceilings — Continued



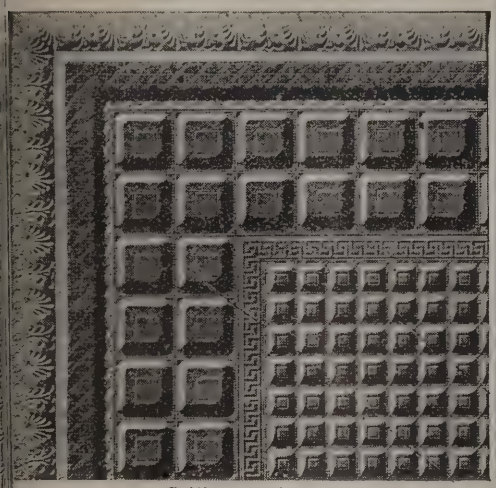
Ceiling Design.
BM 8230.
Price, based on room 20x40 ft., **$4.40** per square.



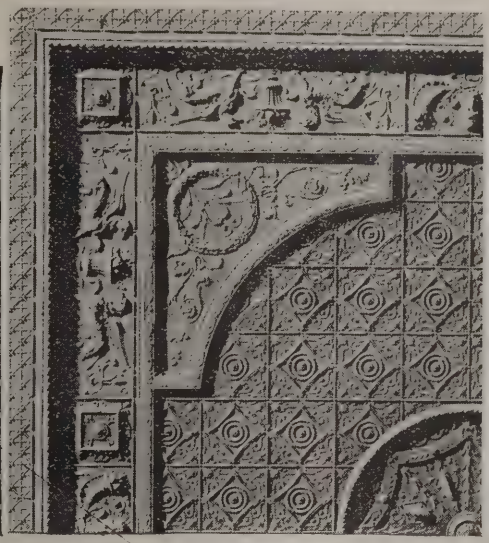
Ceiling Design.
BM 8232.
Price, based on room 20x40 ft., **$5.00** per square.



Ceiling Design.
BM 8246.
Price, based on room 20x40 ft., **$5.65** per square.

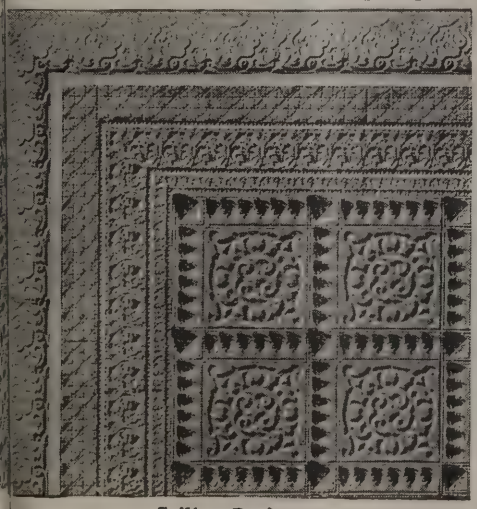


Ceiling Design.
BM 8049.
rice, based on room 20x40 ft., **$5.40** per square.

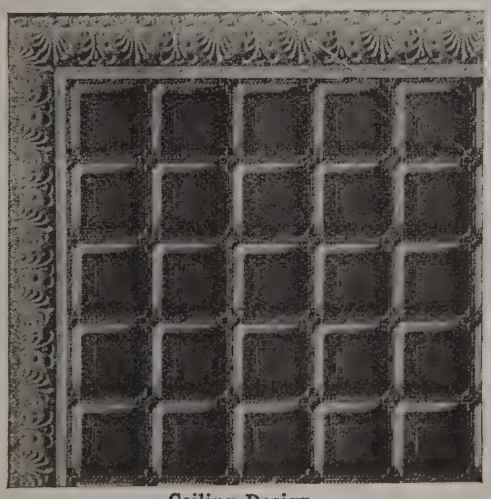


Ceiling Design.
BM 8248.
Price, based on room 20x40 ft., **$6.00** per square.

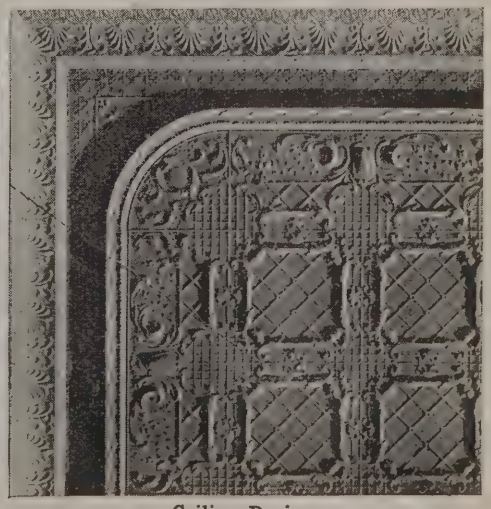
Ceiling Design.
BM 8210.
Price, based on room 20x40 ft., **$5.30** per square.



Ceiling Design.
BM 8212.
ice, based on room 20x40 ft., **$5.30** per square.



Ceiling Design.
BM 8047.
Price, based on room 20x40 ft., **$5.20** per square.



Ceiling Design.
BM 8254.
Price, based on room 20x40 ft., **$5.50** per square.

A Square as Mentioned above is 100 Square Feet.

Cement Building Block Machines.

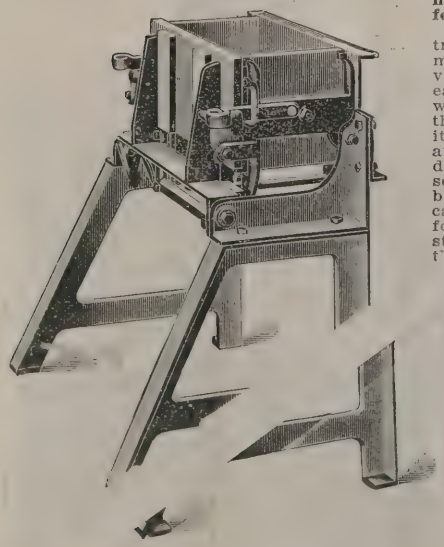
The demand for building material of all kinds is now so great that block machines are exceedingly popular and profitable. The industry of making cement blocks is so well known and so thoroughly established that it needs no introduction to our customers. Thousands of these machines are in daily use throughout the country and they are so simple and easy to operate that it requires no experience to handle them successfully. Contractors and builders are making handsome profits with them. In many localities the machines are installed and the blocks manufactured and sold to parties who do not wish to own and operate a machine themselves. Anyone with sufficient time to devote to the business can put in one or two of our machines and manufacture blocks at a good profit. At the same time one of the machines is a profitable investment for anyone even though there is only a small amount of work to be done at the time it is purchased. The blocks can be used for building houses, barns, fences, walls, etc., and as cement costs very little and sand is plentiful, no one who expects to do any building or who owns property upon which buildings, fences, etc., are located can afford to be without one of the machines. The blocks become as hard as stone in a few days and being of uniform size and shape they add greatly to the beauty and appearance of the structure they are put into, and thereby enhance the value of the property upon which they are used. With a good block machine such as we offer, Portland cement and sand, any person can make all the blocks he requires for his foundations, complete building, fences, walls, etc., and sell some cement blocks to his neighbors at a fair profit to himself.

For the benefit of those who are not as yet familiar with the operation of these machines we will say that by their use building blocks can be made at an expense of from 5c to 12c each. One part of cement to five or six parts of sand or gravel are the proportions in which the materials are generally mixed. The exact proportion depends upon the kind of sand and gravel used, fine sand requiring the greatest amount of cement. Gravel should be mixed with sand and requires less cement than sand alone. This is due to the fact that when the material is thoroughly mixed the cement creates a coating over the entire surface of the gravel or sand and makes each particle adhere to every other part touching it, thereby forming a solid and compact mass. The larger the particles are, the less surface there is to cover for the same amount of material. A bushel of fine sand has more surface than a bushel of coarse sand or gravel, and naturally requires more cement to cover it. Mix the dry material thoroughly, then wet and mix again. Do not make the mixture too wet, but just wet enough to pack and tamp well. Take the block out of the machine but do not remove it from the pallet for at least 24 hours. Let it stand 8 to 12 hours, then sprinkle thoroughly with water twice a day for four or five days. The blocks will then be "cured" and ready for the wall. They should not be left in the sun to dry if it is extremely hot. To get the best results in very warm weather the blocks should be "cured" in the shade. One barrel of cement mixed one part cement to six parts sand will make about 45 to 50 plain blocks 8 in. x 10 in. x 20 in. Each block when laid in the wall is equal to about 20 standard size bricks.

We have selected a line of machines calculated to meet the requirements of almost every purchaser. They are carefully made of the very best material and include several styles and sizes. Each one has been thoroughly tested and is guaranteed in every particular. We take great pleasure in recommending them to our customers because we know that they are **right in every way,** and possess the features which are **absolutely necessary in successful** machines of this kind. They do the work rapidly and they do it properly, two points which should not be lost sight of if you are interested in block machines. They also possess the necessary strength to make them strong and durable. Do not overlook those three essential points. If you contemplate buying a cement block machine you of course want one that will do the work perfectly and do it quickly. You also want one that is durable and that you can depend upon to do the work as it should be done without getting out of order. The machines which we offer possess these necessary features to a marked degree and we believe are superior to any other line of block machines on the market today.

Improved Perfection Block Machine

Makes Blocks Face Down | **2 Sizes** | **Makes Hollow or Solid Blocks.**



Don't fail to state the kind of plates you want; if you do not specify we will ship plates for making plain blocks.

The improved perfection is truly a perfect and remarkable machine because of the great variety of work it will do, t[he] ease, rapidity and accu[racy] with which it can be op[erated] the thorough manner [in which] it is constructed a[nd] and the many [d finished,] distinctive fea[tures] ses. It is [desirable and] best mate[rial] [ures it possess]- carefull[y] [made of the very] fore[most] [rial and each part is] str[ongly] [finished and fitted be]t[ween] [being used in the con]- [struction of the machine, for] [that reason every one is abso]lutely true and turns out a **Perfect Block.** It is made in two sizes. They are designed for making blocks face down so a finer richer material or coloring can be used for the face when desired. They make either solid or hollow blocks. The No. 1 size turns out standard blocks 8 in. x 8 in. x 16 in. and the No. 2 size turns out standard blocks 8 in. x 10 in. x 20 in. The usual ¼ in. being allowed for the mortar, which makes the actual measurements 7¾ in. x 7¾ in. x 15¾ in. and 7¾ in. x 9¾ in. x 19¾ in.

A new block is easily damaged while being taken out of the ordinary machine and much time is frequently lost by the operator. One of the great features about the Perfection is the manner in which the block is removed and left on the pallet without being cracked or injured in any way. The core is not removed and the ends do not unlock and open until **after the block is turned over on the pallet.** That prevents it from sagging in the center or at the ends and also prevents the ends from breaking or cracking off where they are cored out. It will readily be seen that when the block is turned over on the pallet it is solidly supported from bottom to top and cannot possibly sag from its own weight, a thing very likely to happen while the block is on its side and in the act of being turned over, especially with some kinds of material. The Core is necessarily pulled by hand, as otherwise it could not remain in the block till it is turned over. The Core, however, is not the ordinary kind but is collapsible and can be quickly and easily removed from the block without danger of injuring it. Cleats can be used on the pallets to keep them from warping as the machines have an adjustable pallet rest which provides against the variations in the thickness of the pallets. The plates are reversible and can be turned end for end or changed from one side of the machine to the other.

Each machine is furnished with a regular outfit as follows:

1 Face Plate.
2 End Plates.
2 Cored End Plates.
1 Divided Face Plate.
2 Division Plates for making ½ in. blocks and ¼ in. blocks.
2 Tamps.
1 Collapsible Core.
1 Sample Pallet.
1 Pair Adjustable Clips for holding Division Plates.
1 Striker for getting cover at the proper depth in the block.

We furnish one sample pallet to show how they should be made. Customer must furnish all others needed. The above outfit is furnished in any one of four styles to make blocks as follows. Plain, Rock Face, Panel or Broken Ashler. Customer must specify which style is wanted. If no selection is made we always ship plates for making plain block.

The above outfit will make hollow or solid blocks and by raising the face plate the following sized veneer blocks can be made: 6 in. x 8 in. x 16 in., 4 in. x 8 in. x 16 in. and 2 in. x 8 in. x 16 in. on the No. 1 machine and 8 in. x 8 in. x 20 in., 6 in. x 8 in. x 20 in., 4 in. x 8 in. x 20 in. and 2 in. x 8 in. x 20 in. on the No. 2 machine. When plain plates are being used gable blocks can be made by blocking in the end with a board set to the proper pitch. For special work which cannot be done with regular outfit, see list of extra parts. The No. 1 machine weighs about 250 lbs. and the No. 2 weighs about 300 lbs. shipped from factory in Southern Michigan.

	Price at Factory
BM 8002—No. 1 size with regular outfit, 16 inch	**$22.75**
BM 8003—No. 2 size with regular outfit, 20 inch	**28.50**

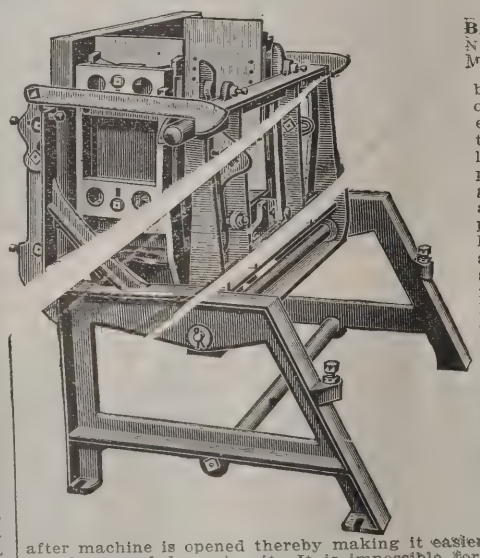
See list of extra parts for prices on plates, etc., necessary to do special work.

The Adjustable Concrete Block Machine

Perfection No. 3

Capable of Making Blocks in 20 Different Sizes | **The Finest and Most Remarkable Block Machine Made.**

Read Description of Perfection Nos. 1 and 2. It Applies to this one also



BM 80[illegible]08—The Perfection No. [illegible] 3 or Adjustable Block [illegible]achine is the finest and best made block machine on the market. The different parts are fitted and trued 'till they are absolutely perfect and the complete machine goes together and works as nice and as smoothly as a piece of machinery you ever looked at. This machine is a wonder. It not only possess all of the desirable features to be found on the Improved Perfection Machines, but is made so it can be adjusted to different sized blocks and a great feature about it is the adjustments can be quickly and easily made they can't get out of order in any way and every block turned out is absolutely perfect in every detail. A lever with an eccentric forces pallet and block away from face plate after machine is opened thereby making it easier to remove the block without danger of damaging it. It is impossible for us to tell you what a machine this really is. You must see it in operation to fully realize its merits. The plates interchange and can be turned end for end or change from one side to the other. Any of the 16 in. plates can be worked on either end of the machine as well as on the face. At the price quoted the machine is furnished with only one set of plates for making one style block. The sizes are 16 in., 20 in. or 24 in., and the styles are Plain Rock, Broken Ashler or Panel. Customer must state which is wanted. If no selection is made we always ship 20 in. for making plain blocks.

The outfit with single set of plates is as follows:

1 Face Plate.
2 End Plates.
2 Cored End Plates.
1 End Plate divided 2 in. and 14 in. for making different size blocks.
1 End Plate divided 4 in. and 12 in. for making different size blocks.
1 End Plate divided 6 in. and 10 in. for making different size blocks.
1 End Plate divided 8 in. and 8 in. for making different size blocks.
1 Divided Face Plate.
1 Rock End Plate ½ rock, ½ plain.
2 Division Plates for making ½ blocks and ¼ blocks.
2 Tamps.
1 Collapsible Core.
1 Sample Pallet.
1 Pair Adjustable Clips for holding division plates.
1 Striker for getting core at the proper depth in the block.
1 Pair lifting hooks.

A 16 in. outfit makes blocks as follows:

8 x 4 x 16	8 x 8 x 16	8 x 12 x 16
8 x 6 x 16	8 x 10 x 16	8 x 14 x 16

A 20 in. outfit makes blocks as follows:

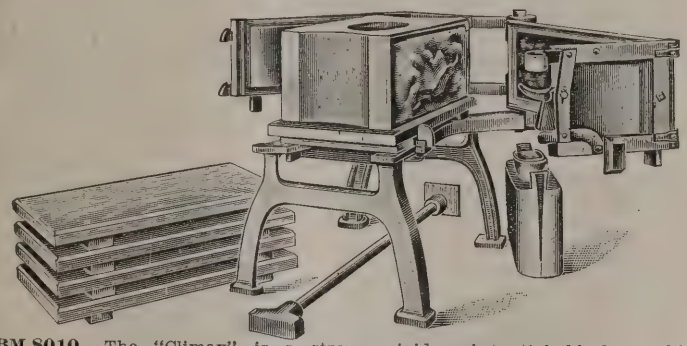
8 x 4 x 20	8 x 10 x 20	8 x 14 x 20
8 x 6 x 20	8 x 12 x 20	8 x 16 x 20
8 x 8 x 20		

A 24-in outfit makes blocks as follows:

8 x 4 x 24	8 x 10 x 24	8 x 14 x 24
8 x 6 x 24	8 x 12 x 24	8 x 16 x 24
8 x 8 x 24		

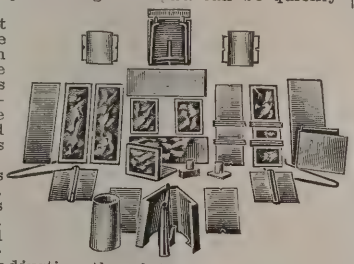
When it is desired to do special work or make blocks of different sizes from those which the machine will make with the outfit shipped with it, additional parts must be obtained at the prices quoted in the list of extra parts. Machines are shipped from factory Southern Michigan. Shipping weight with regular outfit about 500 lbs.
Price, F. O. B. Factory, with regular outfit as described.....**$70.00**
See List of Extra Parts for Special Work.

"Climax" Block Machine



BM 8010—The "Climax" is a strong, rigid, substantial block machine, capable of turning out the work very rapidly. None of the high priced machines can do better work; in fact, very few of them can turn out as much work in a day as the "Climax." It is made of the very best iron of sufficient weight to give it strength and durability. Two men can make 150 blocks in ten hours. The frame of the mold is all joined together and can be quickly and easily opened or closed.

The face plate and end plate can be set in or removed very readily, as they are not a part of the frame and they can be renewed at very little expense. One size pallet will do for all sizes and shapes of blocks. On many other machines pallet must correspond with block. These machines are furnished in two sizes and are especially adapted for making blocks for foundation purposes.

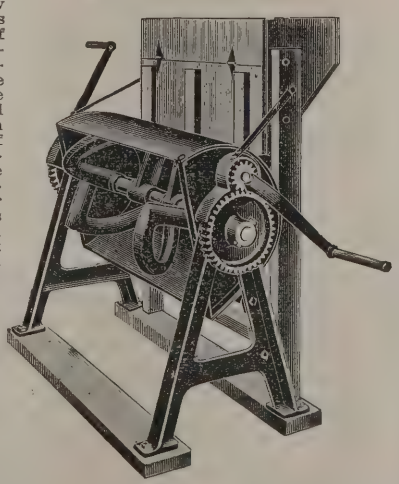


The No. 1 makes hollow or solid blocks 8 in. x 10 in. x 20 in., less mortar joints.
The No. 2 makes hollow or solid blocks 8 in. x 12 in. x 24 in., less mortar joints.
Blocks can be made plain or rock faced by simply changing the face plate. Different kinds of blocks can be made by adjusting the plates to suit the size or shape desired. Each machine is furnished with the following outfit:
2 Plain Face Plates; 2 Plain End Plates; 2 Rock Face Plates; 2 Rock End Plates; 1 Rock Face Plate for divisions of blocks into 4, 6 and 10 inch lengths with the No. 1 machine, and 4, 8 and 12 inch lengths with the No. 2 machine; 2 Plain Plates for divisions; 1 Plain piece for companion to rock face division plate; 1 3-piece octagon; 1 2-piece gable end attachment for ½ and 1-3 pitch; 1 Plain Plate for making 4 in. veneered blocks; 2 End Plates for same; 2 Plates for Hollow Ends; 1 Collapsible Core; 1 Round Core for 10 in. square blocks; 1 2-piece Tamper; 2 Lifting Hooks; 4 Sample Wood Pallets. Customer must furnish a wooden pallet for each block. We furnish four sample pallets to show how they are made. Full and complete directions sent with each machine. Shipped from factory near Chicago.
No. 1 with outfit described, weight, 300 lbs. Price at factory.....**$35.00**
No. 2 with outfit described, weight, 350 lbs. Price at factory..... **41.25**

"Climax" Concrete Mixer

A Most Convenient Machine—Strong and Durable—Saves Much Time and Labor

BM 8050—Large and expensive concrete machines have been on the market for several years, but a good, reliable mixer at a low price, such as is needed by parties engaged in the manufacture of concrete blocks has been something hard to find. We have succeeded in producing a machine that not only sells at a reasonable price, but is easy to operate and gives the material such a thorough agitation that every particle of sand becomes coated with the cement in a very short time. The illustration shows the trough inverted to dump the batch after mixing. A measuring hopper is mounted over the mixing trough and is provided with a cement gauging device so that always just the right amount of cement is added to the sand in the hopper. This gauging device can be arranged for any desired proportion, but unless otherwise ordered machines will be shipped arranged to measure six parts of sand to one part of cement. The operator can vary the proportion at will. The machine is strongly built, works easily and will turn out much better concrete than can be made by hand mixing, with the expenditure of only about one-half as much work. Shipped from factory near Chicago. Weight, about 500 lbs.
Price, at factory.....**$60.00**



List of Extra Parts

for the Improved Perfection or the Adjustable Perfection Machines.

When it is desired to do special work which cannot be performed with the regular outfit, the following parts can be obtained at the prices quoted. The 16 in. plates weigh about 15 lbs., the 20 in. plates about 18 lbs., and the 24 in. plates about 20 lbs.

	16 in. Size.	20 in. Size.	24 in. Size.
Extra Face Plates, Plain, Rock, Panel or Broken Ashler. State which is wanted	**$1.75**	**$2.00**	**$2.35**
Extra End Plates (for Improved Perfection only) Plain, Rock, Panel or Broken Ashler. State which is wanted	**1.15**	**1.40**	
Face Plate for making Rock Face Gable Blocks in ½ pitch	**1.75**	**2.00**	**2.35**
Face Plate for making Rock Face Gable Blocks in 1-3 pitch	**1.75**	**2.00**	**2.35**
Face Plate for making Broken Ashler Gable Blocks in ½ pitch	**1.75**	**2.00**	**2.35**
Face Plate for making Ashler Gable Blocks in 1-3 pitch	**1.75**	**2.00**	**2.35**
Division Plates	**.35**	**.45**	**.65**
Collapsible Cores	**1.60**	**1.90**	**2.25**

Extra 16 in. plate for making plugs or fractional lengths 4 in. or 12 in. Rock Face. This plate can also be used for work in broken Ashler.....**$1.75**

Extra 16 in. plate for making plugs or fractional lengths 6 in or 10 in. Rock Face. This plate can also be used for work in broken Ashler.....**$1.75**

Extra 16 in. plate for making plugs or fractional lengths 4 in. or 12 in. Plain Face. This plate can also be used for work in broken Ashler.**$1.75**

Extra 16 in. plate for making plugs or fractional lengths 6 in. or 10 in. Plain Face. This plate can also be used for work in broken Ashler.**$1.75**

Extra 20 in. plate for making plugs or fractional lengths 4 in., 6 in., or 10 in. Plain Face. This plate can also be used for work in broken Ashler.....**$2.00**

Extra 20 in. plate for making plugs or fractional lengths 8 in. or 12 in. Plain Face. This plate can also be used for work in broken Ashler....**$2.00**

Extra 20 in. plate for making plugs or fractional lengths 4 in., 6 in., or 10 in. Rock Face. This plate can also be used for work in broken Ashler.**$2.00**

Extra 20 in. plate for making plugs or fractional lengths 8 in. or 12 in. Rock Face. This plate can also be used for work in broken Ashler....**$2.00**

Extra Plate for making 16 in. block ½ rock face, ½ plain face; can also be used for making 8 in. plugs, either rock face or plain. This plate can also be used for work in broken Ashler.....**$1.75**

Extra plate for making 20 in. block ½ rock face and ½ plain face. Can also be used for making 10 in. plugs either rock face or plain. This plate can also be used for work in broken Ashler.....**$2.00**

Extra Plate for making 20 in. blocks for circular bay window with radius of 8 ft. This plate not furnished in any other size.....**$2.00**

List of parts adapted to either the 16, 20 or 24 in. size.

Set of Octagons for making Plain Blocks for bay window.....**$0.70**

Set of Octagons for making Rock face blocks for bay window....**$1.00**

Adjustable attachment for making Panel face Gable blocks in ½ pitch.....**$0.75**

Adjustable attachment for making Panel face Gable blocks in 1-3 pitch.....**$0.75**

Adjustable attachment to be used with Panel face plates for making plugs or fractional lengths any length up to the full length of the plate **$0.75**

Extra strip for making water table on blocks used between foundation and wall, adapted to plain blocks only, cannot be used on the 16 in. machines because that size makes the smallest block and the water table block must be thicker than wall block so it can divert the water away from the foundation as it runs down the side of the wall.....**$0.65**

Round Core for 8 in. plug	**.65**
Round Core for 10 in. plug	**.75**
Round Core for 12 in. plug	**1.00**

Special Catalogues

EACH one of the following New Special Catalogues treats fully of its special subject, and contains all the latest, up-to-date things in its line; carefully illustrated, honestly described, and priced lower than the same high quality goods can be bought for anywhere else.

DON'T FAIL to send in your name for a New Special Catalogue an any line of goods you think of buying. Tell us which you want and it will be sent you at once, free and prepaid.

Furniture: Showing the latest design in many attractive patterns. Special values in high grade Mission Furniture. Furniture suitable for the home, hotel or business block at low prices.

Pianos This is a large, richly illustrated book fully describing in detail all the inside and outside of our splendid line of guaranteed pianos sold to you at the lowest prices for which high-grade instruments were ever offered.

Carpets and Rugs Also lace and other curtains, shades, linoleums, oil cloth, mattings, etc. Many of the pages are in the actual colors of the goods. A very complete book of things for beautifying the home at enonomy prices.

Wall Paper We cut off pieces of the actual wall paper we want you to see and send you a whole bunch of new designs at lowest wholesale prices; also tell you how to measure your room for paper and how to do the papering.

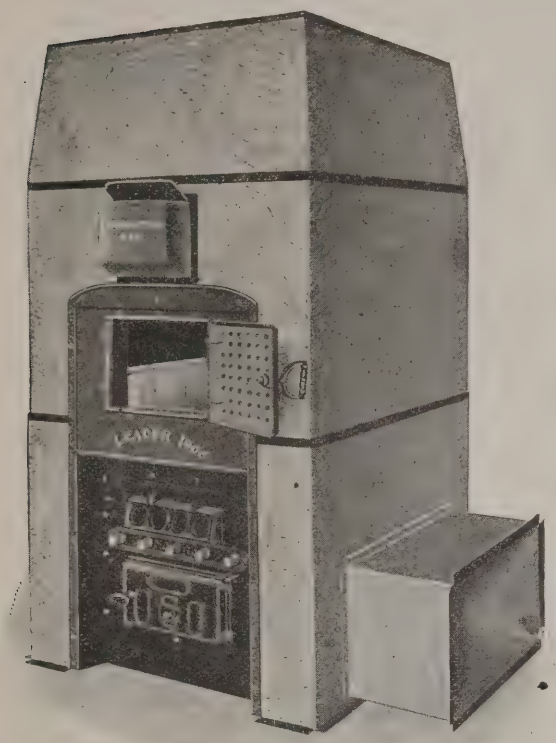
Stoves and Ranges for heating or cooking with any kind of fuel, suited for all climates, from Klondike to Panama. Guaranteed stoves at lowest wholesale prices, sold direct to the user.

Safes Standard make fireproof safes, in all sizes, for home, farm, store, office, creamery, bank, anywhere that papers and money are to be protected; prices very low,

Grocery List Issued new every 60 days, complete and comprehensive illustrated price list of everything good to eat, from all over the world, at lowest prices for which high quality groceries were ever sold. Ask for a sample copy. If you wish to receive it regularly be sure to say so.

Heating Goods

The Leader Steel Furnace.



Efficiency and Simplicity—In the construction of this furnace we have secured the greatest efficiency and economy, in the simplest possible form and at the smallest possible cost.

The Radiator—The entire inner body or radiator of the Leader Steel Furnace is made up of soft annealed steel sheets, **closely riveted together.** There are no cement joints to leak, no joining of steel to cast iron, which, owing to the unequal expansion of the two metals, cannot be made permanently secure against leakage. Opening of the riveted steel joints is impossible, and the Leader Steel Furnace, for this reason, is always free from leakage of gas and dust, and from the occasional cracking of parts, inevitable when cast iron forms a part of the radiating surfaces.

Thickness of Steel—The sheet steel used in the sides of our radiators is No. 16 gauge, about one-sixteenth of an inch in thickness. The top is of No. 12, which is about one-ninth of an inch.

Why It is Best—Our reason for using metal comparatively thin is that **thin metal radiates faster** than thick metal, and it is therefore more economical in the use of fuel. The heat is instantly transmitted and can be regulated quickly, which is not true of furnaces of heavy metal. A newspaper, when burned in a Leader Steel Furnace will create a very perceptible warmth, which could not be discerned in an ordinary furnace. The saving in fuel, by reason of the use of light metal, is much more than would be possible if heavy castings or plates were used. At first thought this weight of material may seem too thin for durability.

Why Not Durable?—Such has not proved to be the case. Up to this time there has been no single instance where a radiator of the material described, with proper use, has required repairing. The steel is thoroughly protected against burning out. It will rust through in the course of time; just how long a time is not yet determined. Steel formed into tubes or round radiators will rust faster than if left flat, as in the Leader radiators, for the following reason:

When steel is rolled and annealed in the process of making sheets, there is formed upon the surface a scale or oxide, black, hard, brittle, and not attacked by acid or rust.

If the sheets are then formed into tubes or round radiators this oxide cracks and scales off, leaving the clean steel exposed, and this rusts readily.

As the Leader plates remain flat the scale is left intact, and this protects the metal and greatly adds to its durability.

We Protect Against Damage—We believe our Leader Radiator will last fifteen years, and we will agree, if a radiator rusts through within fifteen years, to supply an entire new radiator, of any size up to, and including, No. 55, for $15.00, f. o. b. Chicago, or $25.00 for Nos. 58 and 60. This limits and guarantees the possible expense of maintenance, which compares most favorably from year to year, with the cost of maintaining cast iron furnaces.

Square Form an Advantage—The square form of our furnace is more economical in the use of material, cost of labor, etc., in its construction, and, at the same time, the radiating surfaces are greater in area than in a round furnace of the same diameter.

Fire-brick Lining—The fire-box of our furnace is made up of fire-brick slabs, resting upon steel brackets, no bolts or other fastenings being necessary to secure them. These slabs are passed through the fire-door and dropped into place without the use of tools, cement or fire-clay. In repairing they can be replaced in a few moments without disturbing any part of the furnace. Any of our furnaces may be lined with ordinary square fire-brick, obtainable anywhere, if it seems desirable.

Rocking Grates—The grate consists of several parallel rocking grate bars with square ends projecting through the front of the furnace, so that each grate bar may be agitated, or even turned completely over, independently of any other. This enables the user to clear any part of the fire without disturbing any other portion of it. The grates are readily removed or replaced by unbolting the retaining plate on the furnace front.

Fire-box Conveniently Close to Fire-door—As the fire-box and grates are close up to the front the work of caring for the fire is easily and conveniently performed. This arrangement is a great improvement over the usual situation of the fire-box in the center of the furnace, out of reach and difficult to clear.

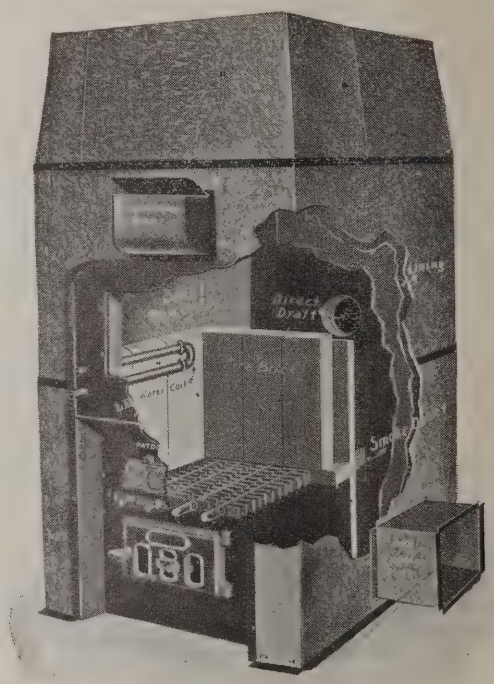
Fuel—The Leader Steel Furnace is adapted to any kind of fuel. The fire-box, while comparatively shallow, is of great area, with the grate surface under the whole fire. For this reason combustion is perfect and clinkers are rarely formed. The furnace is sold in all the different states of the Union, and all kinds of fuel are used with complete success and economy. Hard and soft coal, and coke are burned on the regular coal grates.

Special Grates for Wood and Slack—We supply special grates for wood and for soft coal slack. Natural gas burner will be supplied instead of grates if desired.

Chain Regulation—The furnace is regulated as easily as the simplest stove, and responds readily. Chain attachments connect the front draft door and the rear smoke and check dampers with the floor above, enabling the operator to regulate the fire from above.

No Flues Inside—The smoke outlets are simple, and there are no smoke flues within the furnace. The position of the smoke outlet at the bottom of the large radiator enables us to secure the benefit of the greatest number of heat units from the coal—a fuel-saving arrangement.

Easily Cleaned—By raising the square plate at the base of the smoke-pipe any accumulation of soot and ashes is easily removed.



Showing interior arrangement of fire brick, grates, etc. The water pipe is f connection with tank and is sold as an extra, not included in the price of furnace.

A New Case Lining—To prevent loss of heat in the cellar, the furnace inclosed in a galvanized steel casing, No. 26 gauge, inside of which is plac a false casing or lining of black steel, so situated that a current of cool passes between this and the galvanized case, cooling it and conveying heat to the rooms above. This device is far superior to the old method lining with tin and asbestos paper.

Preferable to Brick—We think our lined casing preferable to a brick ho ing. It costs less, and is easily removed, if necessary, for repairs.

Water Coil—A water-coil for heating a tank is supplied, if desired, and a useful and economical accessory to the furnace. Price $2.50 each.

Evaporating Pan Free—A pan for evaporation of water is supplied with all furnaces, and this pan is so located that it is effective. In m furnaces the water-pan is near the bottom, where the low temperature vents proper and sufficient vaporization.

Shipped "Knocked Down"—In shipping the Leader Furnace, the inner st radiator is shipped complete. The other parts are sent "knocked down" are easily handled. The whole heater, so simple in its construction, is f fitted before shipping, and can be put together by any handy man, no but a screw-driver being necessary.

Dividend Certificates are not given with Furnaces

Specifications—The Leader Steel Furnace is made in six sizes, the general dimensions of which are as follows:

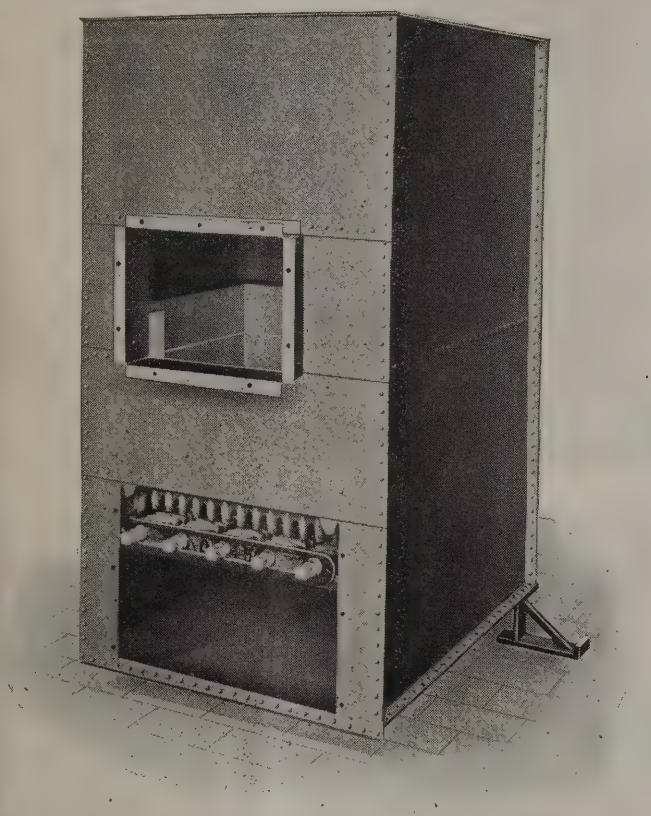
	Catalogue No. BM 3000	Catalogue No. BM 3010	Catalogue No. BM 3020	Catalogue No. BM 3030	Catalogue No. BM 3040	Catalogue No. BM 3045
Number of furnace	40	45	50	55	58	60
Width of furnace, inches	34	38	36	40	44	42
Depth of furnace, inches	39	41	48	50	72	93
Height of furnace, inches	73	73	73	73	73	70
Width of steel radiator	24	28	26	30	30	30
Depth of steel radiator	32	34	41	43	66	86
Height of steel radiator	53	53	53	53	53	53
Width of door necessary to admit radiator, inches	24	28	26	30	30	30
Width of firebox, inches	17	21	19	22	20	20
Depth of firebox, inches	18	18	25	25	29	42*
Height of firebox, inches	18 ½	18 ½	18 ½	18 ½	21	21
Width of fire door, inches	13 ⅜	13 ⅜	13 ⅜	13 ⅜	17 ¾	17 ¾
Height of fire door, inches	9 ⅞	10	10	10	14 ¾	14 ¾
Size of smoke pipe, inches	8	8	8	8	10	10
Capacity, number of rooms in dwelling	5 to 7	6 to 8	7 to 10	9 to 12	10 to 14	12 to 18
Capacity, church or store (cu. ft.)	10,000 to 14,000	12,000 to 16,000	14,000 to 18,000	16,000 to 22,000	20,000 to 28,000	25,000 to 35,000
Shipping weight, lbs.	850	1,000	1,100	1,175	1,780	2,000

By selling direct to consumers, we are able to offer the Leader Steel Furnaces at the following net prices F. O. B. Chicago:

Furnace number	40	45	50	55	58	60
Price	**$41.00**	**$42.75**	**$53.40**	**$62.75**	**$80.40**	**$106.60**

These prices include **fire brick, lined galvanized casing** and **chain regulation,** but no **pipes, collars, registers** or **airducts.** Prices on these items will be given on application.

Delivered prices on furnaces or complete furnace outfits quoted upon application.



The Steel Radiator—Every joint riveted; no chance for leakage of gas and dust.

Our Plan of Selling

Not in a Trust—With ample capital and facilities unequaled, buying all supplies in large lots for spot cash and not a member of any trust or combination, we are in a position to offer our customers the very best service at minimum price.

We Sell Direct—We sell our goods **direct from factory to consumer,** with but one small profit added to our low cost.

Our Specialty, Complete Outfits—We make a specialty of supplying complete heating equipments for buildings of all kinds, with registers and pipes made to measure, and fitted, ready to put up, and these equipments go from our factory straight to consumers all over the United States. We plan the arrangement of every job, and submit our plan for the owner's approval before the work is made.

We Furnish Estimates Free

To obtain an estimate of the cost of heating, which will include the complete outfit, furnace, pipes, registers, etc., freight prepaid to your station, send us, if you can a rough sketch of your building, with dimensions, indicating thereon the rooms to be heated. Also advise us on the following points:

1. If the house is not completed, in what state of construction is it at this time?
2. What is the height of the cellar?
3. What is the height of first story?
4. What is the height of second story?
5. Is cellar ceiling plastered?
6. Are any pipes or registers now in the building? If so, indicate size and location.
7. What fuel will you use?

We Supply Plan for Approval—We will then submit our estimate, with guarantee. If acceptable to you and if you place your order with us, we at once plan out the work, showing size and location of all details, and this plan **is submitted for your approval** before we fill the order. If not accepted, you are under no obligations to us of any kind. Our estimates are given without charge. Every plan sent out by us is prepared under the eye of our superintendent of heating goods and the arrangement of every detail is approved by him before the plan is submitted.

Changes to Suit the Buyer—Changes to suit our customers are always made, unless such changes will result in less efficiency, and the purchaser is so advised; but no order is filled until the full approval of the customer has been expressed.

We Save You Money—Our plan **saves money** for the buyer and it insures success in heating; our experience in planning the arrangement of the apparatus, and our guarantee, completely protect the purchaser from errors and inconveniences.

The best proof of the advantage to the buyer, in this plan, is the fact that orders are often duplicated, our customers recommending our plan and our goods to their friends. Our books show that 30 per cent. of our new business originates in the recommendations of our customers.

We Pay Freight Anywhere—We prepare every detail and if you so desire, **pay the freight to destination.** Distance is no bar. We **ship anywhere.** We have customers in Maine and in Alaska, in Florida and in California.

Our Instructions Simple. We fully instruct the buyer so he can set up the apparatus, and any man who can set up a stove and connect the smoke pipe can set up our furnace and connect it by following our simple directions and **we guarantee its success.**

Setting Not Difficult; You Can Do It—At first thought the setting up of a furnace equipment may seem difficult. It is not. We have shipped hundreds of these outfits to every state in the past four years, and our customers invariably tell us of the ease with which the work is fitted up. It is not necessary to tear up the house to get our system installed. It is usually put in without breaking plaster.

Tools Required

Special tools are not necessary in putting up our heater, a screw-driver and hammer being all that is required for erecting the furnace, and a brace and bit, saw and chisel, for cutting floors. A pair of snips for cutting metal is also necessary to trim the ends of pipes, as we always send full lengths, to avoid a shortage.

Modern Furnace Heating

If you want to heat a house, a church, store, school or any other kind of building, there are many reasons why a **good** furnace is the most suitable apparatus for the purpose.

Economical in Fuel and Labor—As compared with stoves, the furnace method offers the advantage of being more economical in fuel, less troublesome in the care of fuel, ashes, etc. It saves the space occupied by stoves and the labor of carrying coal and ashes back and forth, to say nothing of the dirt and dust occasioned by the use of stoves.

Adapted to all Buildings—It is readily adapted to all classes of buildings, and may be set up, altered or repaired, when necessary, by ordinary mechanics. It does not require an engineer nor water supply, but can be successfully operated by any one who can run a common stove.

The matter of warming with a hot air furnace is not at all a complicated matter, provided a few simple principles are borne in mind.

Furnaces Are Like Stoves—In the first place, a furnace must be regarded as a huge **stove,** with fire-box, smoke-pipe and ash-box arrangements like other stoves, and in which the fire is built and regulated just as in other stoves. But there is this radical difference: a stove radiates and circulates heat in the room in which it stands, while the furnace must produce heat at a point away from the rooms to be heated, and this heat must be gathered and conducted to the place desired.

To accumulate and confine the heat generated, an inclosure or heat chamber about the furnace is necessary. This inclosure is represented by the brick or galvanized casing of the furnace.

Pipes—The conducting of the heat is accomplished by the use of pipes, usually of bright tin, opening into the heat chamber or casing, and extending to the rooms to be heated.

Air Supply—But this is not all. The heat will not move without a medium to carry it, and this medium is simply common air. It is known to all that warm air is light and will rise above colder air. Applying this knowledge, we let a supply of air into the heat chamber, at the bottom of the furnace. As it gathers heat it rises till it reaches the conducting-pipes at the top of the heat chamber, then flowing through these pipes, it enters the rooms where heat is desired. A constant flow is at once established, which absorbs and carries away the heat from the furnace as fast as it is generated.

Exhaust—It is apparent that if we attempt to pour warm air into a space for an indefinite time, we shall fail, just as we would fail to pour more water into a bottle already full, unless we arrange to let as much air out of this space as we bring in. This, then, calls for an **exhaust** from the space heated, to leave room for the warm incoming body of air.

We have already called attention to the fact that warm air rises above cool air. This occurs in the heating-chamber of the furnce, the hotter air rising to the top to enter the conducting-pipes. It also occurs when this warm air enters the rooms. It goes straight to the ceiling and spreads horizontally at the ceiling. It will not mingle freely with the cooler air below it, but lies in a stratum in the upper part of the room. A part of our problem, then, is to get rid of this cool air at the floor, thus causing the warm air to descend and fill the lower portions of the room.

Cold Air Returns to Heater—This we do by making an opening at the floor, through which the cool air may escape, and as we need a constant supply of air to remove the heat from the furnace, we make use of this air from the rooms as an air supply for the furnace, by conducting it back to the heater.

Complete Circulation—Thus we make of the plant a complete circulating system, by which the cool air at the floor of the rooms is drawn off to the furnace, heated and then returned to the rooms.

The process is continuous, automatic, and entirely successful. It is not necessary in an ordinary dwelling that separate outlets for air be provided for each room. One large opening, in the lower hall or living room, is generally sufficient.

Material for Pipes and Ducts—All conducting-pipes for heat should be of metal, preferably of bright tin plate, and where these are inclosed in wooden walls they should be double, with air spaces between, to insure safety from

Dividend Certificates are not given with Furnaces,

fire. Wooden ducts for cold air may be economically made of matched flooring, and the spaces between joists may sometimes be utilized for this purpose.

Partition Pipes Double—Pipes for heat leading to upper rooms should be as large as can be admitted in the partition spaces, and, for safety, should be double, one inside the other, with air spaces between. On such pipes the use of asbestos paper, or other protection, is unnecessary.

Single Pipe Wrapped in Asbestos Paper Poor Economy—And here let us sound a warning against the use of single partition pipes to be wrapped in asbestos paper, frequently supplied by dealers to save a few cents in cost. Asbestos paper is thin and tender. It is often torn when put in, and is frequently nibbled and destroyed by mice, being of soft, fibrous character. When wrapped about a metal pipe, with no air spaces between, its value as a fire protection is practically nothing.

Pipes for first-floor rooms are usually round, and of larger area than those for second-floor rooms, the vertical length of the latter making them more effective when of equal size.

Registers—Side wall or floor registers may be used, and many styles and sizes are on the market. For first-floor rooms we advise the use of floor registers, for the reason that the pipes leading to them can usually be of larger diameter than can be used for side wall registers, and, as a rule, can be run with fewer bends.

For second-story rooms, either style may be used, depending on the situation of the wall-pipe, that style being preferred which will afford the most direct outlet from the pipe.

Separate Pipes—We recommend that each register be supplied with a separate pipe from the furnace, excepting in the case of very small rooms.

Ceiling Registers—In many cases, where but slight warmth in upper rooms is desired, the use of pipes leading to such rooms may be dispensed with, and their cost avoided, by placing register openings in the ceilings of the warm lower rooms, through which heat will escape to the upper rooms, making them comfortable for sleeping purposes.

Fresh Air—It is sometimes desired that fresh air from out of doors be used. In this case the returning of the air to the furnace is omitted, the air supply being drawn from a window opening to the outer air, and outlets for the air of the rooms are provided by way of fireplaces or other ventilating-flues. Good ventilation is obtained in this way, and it is especially desirable for schools, churches or other buildings where many people assemble. The fresh air supply, to give best results, must open on the side toward the prevailing winds.

Ventilation—An economical and efficient method of securing ventilating outlet flues in houses not provided with fireplaces or ventilating chimneys, is to use the spaces between studs, in **inside** partitions only, opening through plates above, so there may be continuous ducts from the rooms to be ventilated, to the attic space or cockloft above. Outside walls must not be used for this purpose, their low temperature preventing the proper flow of air and often reversing it. If the attic is tight, a galvanized ventilator-cap, obtainable from us or from all hardware dealers, may be placed in the roof to let the air out of the attic. As attics are usually more or less open, the roof ventilator, in many cases, is unnecessary. The air from below will travel through the partitions, to the attic, and will find its way out through the ventilator-cap, or through crevices in the roof.

Special Ventilation Ducts—In large audience rooms to be ventilated, where the space between studdings is insufficient, triangular ducts may be built in corners, by throwing a lath and plaster partition across each corner, making in each space a vertical duct, this to open into the attic above, as already outlined. But even in buildings provided with fresh air supply we recommend that the circulating system be also provided, for, with adverse winds, trouble sometimes arises where the fresh air supply only is available. By arranging the air supply-ducts with cut-off slides, so that the fresh air or the circulating method can be used at will, successful heating will be accomplished in any weather.

Humidity—With any method of heating, it is highly desirable and important that the proper humidity or moisture of the atmosphere indoors be maintained.

With a furnace, the moisture is conveniently and evenly supplied from an open water-pan placed within the air-chamber of the furnace, the evaporated moisture mingling with the warm air as it passes to the rooms.

Few realize the importance or the purpose of the addition of moisture to the air.

Air at 15 degrees, when **saturated,** containing all the moisture it will carry, can hold but one-sixth as much as it will carry if warmed to 70 degrees. If, therefore, we warm it without adding moisture, the air becomes exceedingly dry and "thirsty." It will draw the moisture from any object exposed to it. Plants will languish, woodwork will shrink.

The effect on the human system is unpleasant, noticed frequently in dry and parched skin. The mucous membranes and eyes are especially affected by the excessive dryness, and headaches from this cause are not uncommon.

Economy in Added Moisture—Not only is the atmosphere rendered more pleasant and healthful by the addition of moisture, but a decided economy in fuel results, for it is well known that to be comfortable in a dry atmosphere, several degrees of temperature higher are required, than if the atmosphere is humid. This is accounted for by the fact that the rapid evaporation of the moisture of the body, in very dry air, has a cooling effect, not experienced in an atmosphere more moist, and in which such evaporation is therefore less rapid.

Air Conductors—It should be borne in mind, in planning for furnace heating, that air moves most freely in straight lines, and that all crooks and turns retard its flow. And it must be remembered that warm air moves **vertically,** and its velocity is diminished by an attempt to carry it horizontally. Therefore we make it a rule to plan our work so that all conducting pipes shall be as short and as straight as possible. Our purpose is to get the heat away from the furnace **quickly,** for in this lies economy and efficiency. It is a mistake to carry a hot air pipe across a room, so the register may be under a window. The heat will go straight to the ceiling, no matter where the register may be, and the room will not be warm till it is **full** of warm air. Therefore, fill it with warm air the quickest way, and that way is with the short pipe.

Furnace Centrally Located—The furnace should be placed in a position near the center of the rooms to be heated, so the pipes may **all** be short, and so they may extend uniformly from different sides of the furnace, which is a distinct advantage.

The height of the cellar where the furnace is to stand has much to do with success in heating. We have already noted that the tendency of heated air is to travel vertically. To this must be added, that the longer the vertical path of the heated air, the greater will be its velocity, and he consequent higher efficiency of the heater.

High Cellar Desirable—A high cellar, therefore, causes greater velocity in the movement of the heated air than a low one, hence better delivery of heat. Seven feet is a good height for a cellar. Eight feet is better, though not often provided. When a cellar is less than seven feet we recommend that a depression be made where the furnace is to stand to gain the desired height.

Points on Chimney Building—A necessary adjunct to the furnace is a good chimney flue. This should be straight, and not smaller than 8x8 inches inside, though 8x12 inches is better. It should be, preferably, in an inner partition, rather than in an outside wall, as the protected position preserves its warmth, insuring steady and strong draught. It should extend well above the highest roof level, and if any openings are made in it beside that for the furnace, they should be tightly stoppered.

Dampers in Smoke Pipes—The smoke-pipe of any stove or grate opening into it should be provided with a tight damper, to be closed when such grate or stove is not in use.

In General—The rules and suggestions laid down may be successfully carried out with any good furnace. It is necessary, however, in order to accomplish the best results with the least expense and labor, to combine in the furnace to be selected a few essentials of construction as follows:

Capacious and convenient fire-box.

Permanent joints which can never open and leak.

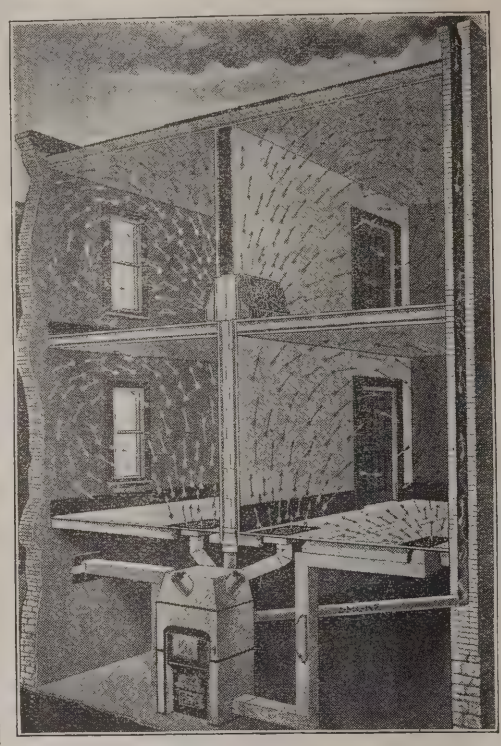
Efficient radiating surfaces; meaning not only of area, but of thin metal, which radiates rapidly, rather than heavy, thick bodies of metal, which transmit their heat slowly.

Sheet steel is the ideal material for a radiating medium.

Simplicity of construction, which means absence of complicated parts, flues to clog and leak, and lack of machinery to get out of order.

Freedom from repairs. The simple furnace is the cheapest to maintain from year to year, and if built right can be repaired by any handy man.

The Leader Furnace has all of the above.

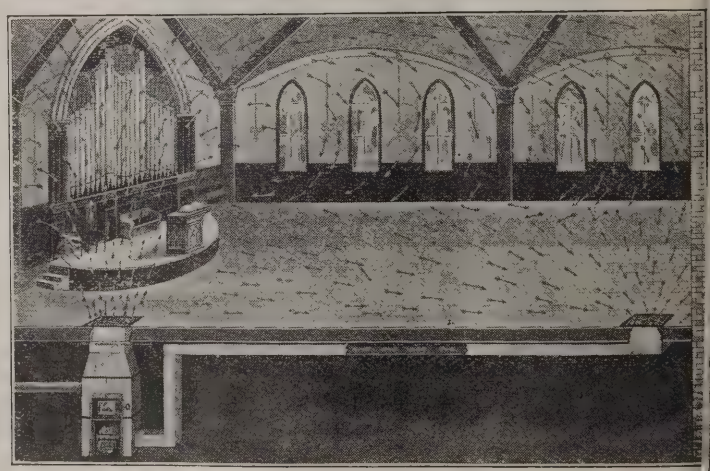


To Heat a Dwelling.

In the selection of a furnace, care should be taken to secure one amply large. "Just large enough" is too small. Get one big enough to warm your rooms without crowding in the coldest weather, and you will have a maximum of comfort at a minimum of expense and labor. A forced fire wastes fuel, and a large furnace is more economical of fuel than a small one, and entails less expense for repairs.

The main points to be observed, therefore, in planning the heating of your house, are:

1. Buy a furnace amply large.
2. Connect it to a good chimney.
3. Place it in a central location.
4. Have the pipes short, straight, and of ample size.
5. Let your air supply be efficient.



Suggested Plan for Church Heating—Large heat outlet directly abo furnace; return duct drawing cold air from floor back to furnace.

Churches, Stores, or Other Large Rooms.

The heating of churches, stores and assembly rooms is readily accomplish with furnaces, and in such cases, for each large room there should be t one register face, without valves, direct above the furnace, with one or m return air faces at other points to let the cold air at the floor back to furnace.

Avoid Horizontal Pipes—**Do not use horizontal heat pipes** in such rooms it can be avoided. The single register plan gives better results, and when register only is used, no damper nor valves should be used to shut off heat. If it is necessary to reduce the heat, cool down the furnace, for if heat is shut back on a hot furnace damage may result.

Do not assume that there will be too much heat near the register, and enough elsewhere. The heat goes to the ceiling, **straight,** and your room only be warm when it is entirely filled with warm air. This you can complish with the single register plan better than any other. The rapid livery of warm air into the room brings about its thorough heating in least possible time. The distribution of heat is aided by the withdrawa

Dividend Certificates are not given with Furnaces.

the cold air from the floor level, making room for the warm air to descend and circulate.

Because of the fact that churches are often without heat during week days, the walls and furniture will absorb much heat before the rooms become comfortably warm, and therefore it is desirable to use extra large furnaces, which will permit the rapid heating of rooms for Sunday use.

Ceilings Must be Tight—Care must be exercised in making the ceilings of church rooms tight. If crevices, ventilators or manhole openings exist, the heat will be rapidly lost, and the heating apparatus, of any kind, will be ineffective. It is essential, too, that the space above the ceiling be tight and warm. If otherwise, much heat is absorbed by the ceiling, which thus presents an obstacle to economical heating.

Steam and Hot Water Heating Systems

Scientifically Designed—Practically Constructed

Steam and hot water have now become recognized as the modern way to heat the home.

In this Twentieth Century age of labor saving devices, nothing has advanced more rapidly or on such thoroughly scientific lines as House Heating and the superiority of Steam and Hot Water Heating over all other methods of obtaining artificial heat, is now universally conceded.

Our Systems of Steam and Hot Water Heating are practical, economical, simple, reliable and satisfactory.

They are the ideal methods of overcoming the winter's cold. They are simple to operate, and can be easily regulated to suit all kinds of weather.

With our Steam and Hot Water Heating Systems there are no cold hallways, or corners; no icy drafts from the windows, but throughout the entire house the even and perfect temperature of a summer's day

Our Systems are the best, safest, surest and most economical methods of heating your home. They have many advantages not possessed by others. They cannot set your house afire; they require little care or attention; a very small amount of fuel will keep your entire house warm and comfortable in the coldest weather.

There are no large open pipes or registers to allow the escape of dust, germs or poisonous gases into the rooms. The air is kept pure and does not have all the vitality and health-giving properties baked out of it.

While the first cost of steam and hot water heating is more than that of other methods, yet this small difference is soon made up in the lesser cost of maintenance, to say nothing of the additional comfort you enjoy when your house is heated in the modern way.

Owners will find that they can not only obtain a better job of heating by buying their goods of us and have some good local mechanic install same, but also by so doing, they will be able to effect quite a saving over what the same outfit would cost installed by contract. Unless unfavorable conditions are met with in building construction, a heating outfit can be installed in the following time. Many heating contractors now figure on one day for a steam fitter and his helper for each steam radiator and one and one-half days for each hot water radiator to be installed.

Thus a complete steam heating plant for a house with 12 steam radiators should be installed in 12 days, and a complete hot water plant for a house with 12 hot water radiators should be installed in 18 days. Both of the above estimates of time based on one steam fitter and one helper being employed.

Have your local mechanic make you out a list of the material you will need for your heating plant, and send same to us and we will make you a special quotation. Then ascertain what he will charge you for labor for installing the plant. Add this labor item to the cost of the goods and note the saving you make by buying your goods of us.

Or if you desire to have us make you a list of the materials you will need, kindly send us a set of your plans and specifications.

Upon receipt of plans we will have our estimators go over same carefully and will send you a list of materials you will need, also our lowest price on same.

We make no charge for this service and your plans will be promptly returned to you.

While we strongly advise that you obtain some good local mechanic to install your heating system, as in that way you are certain of good results, we receive some requests each season from our customers who are either unable to procure the services of a steam fitter or else wish to install the plant themselves.

We wish to say that if order is placed with us we will **when so requested** make a complete working drawing, so that anyone who can cut and thread pipe can install their heating system so that it will give good service.

Understand, however, that as stated above we advise the employment of a good local mechanic to install your work if it is possible for you to do so.

On the following pages we list our new line of Windsor Steam and Hot Water Heating Boilers, also a full line of Steam and Hot Water Heating Supplies.

We are certain if you will look over these quotations and compare them with others you will find that we are listing the highest grade of materials and at prices much lower than any other firm.

Our Systems can be installed in old houses as well as new.

Change your HOUSE into a HOME by installing one of our Windsor Steam or Hot Water Heating Systems.

We Appreciate the Steam Fitter's Trade

If you are a steam fitter go over this part of the Catalogue carefully and compare our prices with those you have been paying your jobber for this class of goods.

We believe if you will do so that you can readily see the advisability of placing your orders with us.

Our name does not appear on any boiler, radiator or other article in the heating line. Nor does it appear on any box, barrel or package used for shipment.

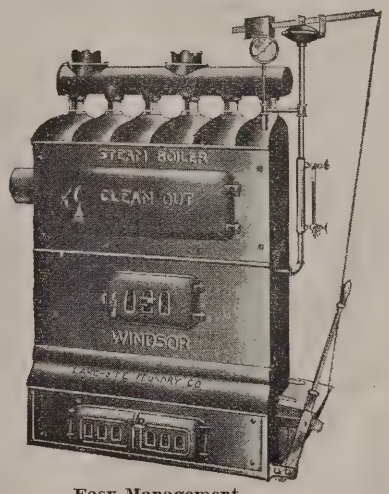
You are thus protected so that no one will be able to ascertain where you procure your goods by inspection of your shipments at the depot or elsewhere.

Take our line of heating boilers. You know what you are now paying your jobber for certain size steam or hot water sectional boiler. Look up our price on the same size—note the saving. Look up our price on valves, covering, expansion tanks, and other heating supplies. Note the saving.

Enough in every case to enable you to put in lower bids on close, competitive work and consequently secure more contracts.

Remember we guarantee every article we list to be the best of their respective kinds, and if not so found you can return the goods to us and we will either refund your money or replace the goods whichever you may desire.

Windsor Sectional Steam and Hot Water Boilers.

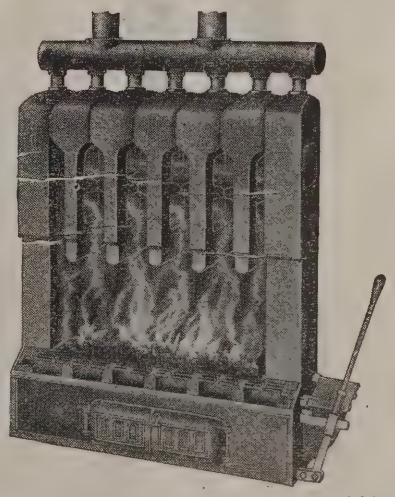


In the "Windsor" Sectional Boilers, as herein illustrated, we have embodied several new features. The fire surface is so formed and placed as to utilize, in the **most economical** manner, the **intense heat** from the product of combustion. The spaces between the overhanging surface form a large gas chamber in which the gases are thoroughly consumed.

The fire travel in the Windsor Boiler is the principal feature of its success. The fire travels up and around the water pockets and thence in the opposite direction of the smoke pipe and through two large flues until it reaches the end of the boiler and then up and back through two large top flues to the smoke-pipe. Fully 85 per cent of this boiler has self-cleaning surface which enables us to utilize a larger per cent of the heat units from the coal than from any other boiler on the market. This means low cost of maintenance. By this construction a most perfect combustion is easily obtained where only a moderate fire is required.

Easy Management.

The operation of these boilers is simple and the management easy. They are easily controlled and regulated, and are quick to respond. On account of the large fire surface they will heat a space quicker than any other style of cast-iron boiler. They are safe, durable, economical, noiseless, free from dust, smoke and gas, and require only the minimum of attention. Very little cleaning will be found necessary with these boilers, as their construction is such that they are practically self-cleaning. All fire surfaces are made so that little soot or dust can collect or lodge on them to lessen the value of heating surface. We furnish with each boiler a flue scraper with which all surfaces can be reached and cleaned with ease through the clean-out doors directly over the fire-doors. Full erecting and running instructions accompany each boiler.



We wish to call your attention to the Header, or manifold way of connecting the sections of our boiler, which means that all parts are on the outside of the boiler where they are readily accessible at all times and under all conditions. By the manifold way of connecting our boiler each section becomes a boiler within itself, and if at any time any of the sections become disabled through some unforeseen cause, they can be disconnected from the headers and the boiler can be used the same as before.

"Windsor" Sectional Steam and Hot Water Boilers are made of the highest grades of materials, and are carefully mounted and thoroughly tested by experienced mechanics, and when properly installed and managed are sure to please, being the simplest, most economical and effective Heaters made.

STEAM BOILERS

Number	Sections	Capacity Direct Radiation	Size of Grate	Height of Water Line	Length with Header	Width with Water Front Connections and Smoke Box	Height to Top of Header	Flows	Returns	Size Smoke Pipe	Price
			INS.	INS.	INS.	INS.	INS.	INS.	INS.	INS.	
BM 9104	4	750	30x14	53	50	46	72	2-4	2-4	10	$134.50
BM 9105	5	1025	30x21	53	50	53	72	2-4	2-4	12	168.70
BM 9106	6	1300	30x28	53	50	60	72	2-4	2-4	12	203.00
BM 9107	7	1550	30x35	53	50	67	72	3-4	3-4	12	237.00
BM 9108	8	1825	30x42	53	50	74	72	3-4	3-4	15	272.20
BM 9109	9	2100	30x49	53	50	81	72	3-4	3-4	15	307.40
BM 9110	10	2375	30x56	53	50	88	72	4-4	4-4	15	342.60
BM 9111	11	2650	30x63	53	50	95	72	4-4	4-4	15	377.80
BM 9112	12	3000	30x70	53	50	102	72	4-4	4-4	15	413.00

HOT WATER BOILERS

Number	Sections	Capacity Direct Radiation	Size of Grate	Length with Header	Width with Water Front Connections and Smoke Box	Height to Top of Header	Flows	Returns	Size Smoke Pipe	Price
			INS.	INS.	INS.	INS.	INS.	INS.	INS.	
BM 9304	4	1250	30x14	50	46	72	2-4	2-4	10	$130.40
BM 9305	5	1700	30x21	50	53	72	2-4	2-4	12	164.40
BM 9306	6	2150	30x28	50	60	72	2-4	2-4	12	198.00
BM 9307	7	2600	30x35	50	67	72	3-4	3-4	12	233.00
BM 9308	8	3050	30x42	50	74	72	3-4	3-4	15	268.00
BM 9309	9	3500	30x49	50	81	72	3-4	3-4	15	303.25
BM 9310	10	3950	30x56	50	88	72	4-4	4-4	15	338.50
BM 9311	11	4500	30x63	50	95	72	4-4	4-4	15	373.60
BM 9312	12	5000	30x70	50	102	72	4-4	4-4	15	408.80

All prices on Boilers are F. O. B. our factory in Indiana and are subject to change without notice

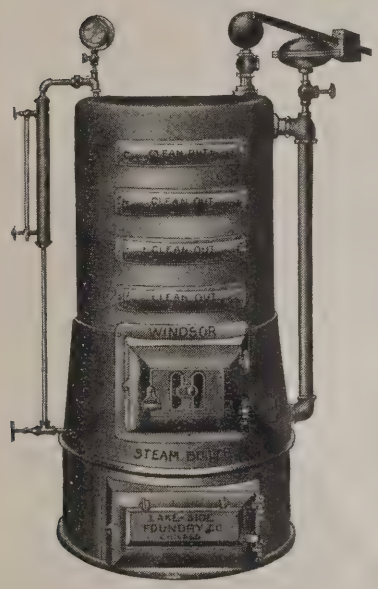
The ratings on Windsor Boilers are for Direct Cast Iron Radiation, and are based on all flow and return pipes and risers being figured as radiating surface, in addition to the direct radiation to be used.

Ratings are based on maintenance of two pounds pressure at the boiler for steam, and a temperature of one hundred and eighty (180) degrees Fahrenheit at the boiler for water.

Where pipe coil or cast iron section is introduced into fire pot for heating water for domestic use, additional boiler capacity should be provided on the basis of 1¼ square feet direct radiation for Steam boiler and two square feet for Water boiler, for each gallon of water to be thus heated.

These boilers are conservatively rated according to accepted standards.

Windsor Cottage Steam Boiler



Round Top Style

BM-9141

"Windsor" Cottage Steam and Hot Water Boilers

Special design for heating residences of smaller size than those which require our standard "Windsor" Boilers.

The above Boiler is one of the best round Boilers manufactured. Our broad binding guarantee covers this type also, and owners of small houses can now heat their homes by modern steam and hot water outfits at a very low cost, by installing this type of boiler.

"WINDSOR" COTTAGE STEAM BOILER

Number of Boiler	Height of Boiler	Diameter of Boiler	Diameter of Grate	Size of Smoke Outlets	Size of Steam Outlets	Size of Return Inlets	Number of Sections	Capacity of Boiler	Price
	INS.	INS.	INS.	INS.	INS.	INS.			
BM 9173	43	32	25½	10	2-3	4	3	350	$ 75.32
BM 9174	49	32	25½	10	2-3	4	4	450	84.50
BM 9175	55	32	25½	10	2-3	4	5	575	93.70
BM 9176	61	32	25½	10	2-3	4	6	650	105.80
BM 9177	67	32	25½	10	2-3	4	7	750	120.75
BM 9604	53	36	28½	10	2-3	4	4	850	132.80
BM 9605	60	36	28½	10	2-3	4	5	950	151.80
BM 9606	67	36	28½	10	2-3	4	6	1075	169.00

"WINDSOR" COTTAGE HOT WATER BOILER

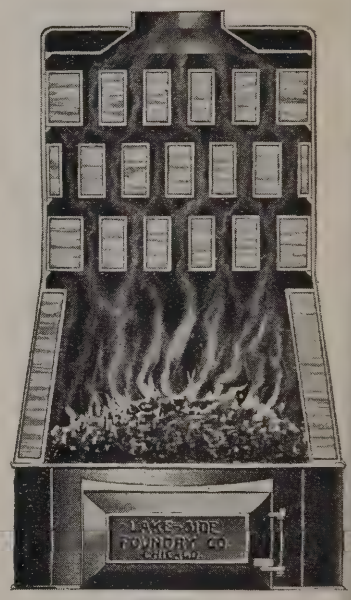
Number	Height to top of Outlet	Diameter of Boiler	Diameter of Grate	Sections	Smoke Pipe	Outlet	Rating	Price Complete
	INS.	INS.	INS.	INS.	INS.	INS.		
BM 9193	40½	32	25½	3	9½	4	550	$ 63.85
BM 9194	46½	32	25½	4	9½	4	675	72.50
BM 9195	52½	32	25½	5	9½	4	850	83.95
BM 9196	58½	32	25½	6	9½	4	1025	94.30
BM 9504	49½	36	28½	4	9½	4	1200	120.75
BM 9505	56½	36	28½	5	9½	4	1350	139.15
BM 9506	63½	36	28½	6	9½	4	1500	156.40

All prices on Windsor Boilers are F. O. B. our factory in Indiana and are subject to change without notice.

"Windsor" Tank Heaters

We list two patterns of tank heaters, each the best of their respective kinds. The Round Top Style is the most economical one to use where heater is used solely to furnish hot water for household purposes, on account of the fact that the most effective fire surface, that is the part directly over the fire, is backed by water, making it the quickest heater of any type on the market. Where a combined heater and laundry stove is desired, we recommend our BM 9144 as it has many desirable features. The top is large, so that a wash boiler or several irons can be heated at one time. These heaters like our Windsor Boilers, are made of the best quality of castings and are fully guaranteed by us to give you satisfactory results.

Sectional View of Windsor Cottage Boiler



Oval Flat Top and Laundry Stove

BM-9144

No.	Diameter of Fire Pot	Tapping	Hot Water Supplied	Radiation Supplied	Height	Smoke Pipe	Price
BM 9141	10 in.	2 in.	100	75	40 in.	6 in.	$17.75
BM 9142	10 in.	2 in.	125	100	46 in.	6 in.	19.25
BM 9143	10 in.	2 in.	150	120	49 in.	6 in.	20.75

No.	Diameter of Fire Pot	Tapping	Hot Water Supplied	Radiation Supplied	Height	Smoke Pipe	Price
BM 9144	10 in.	1¼ in.	75	50	31 in.	5 in.	$14.(
BM 9145	10 in.	1¼ in.	100	75	34 in.	5 in.	16.(
BM 9146	10 in.	1¼ in.	125	100	37 in.	5 in.	18.(

The above has two 8-inch holes especially adapted for wash boiler

Steam and Hot Water Radiators

Our 3-Column Ornamental Radiators for Steam and Hot Water Heating Systems are made from the best grade of castings and they are guaranteed to contain the full amount of heating surface as stated.

All of our radiators are tested at our foundry at 100 lbs. hydrostatic pressure, which enables us to send out radiators which we know will give satisfactory service.

Our radiators come 44 in., 38 in., 30 in., 25 in. and 20 in. high. The 38 in. is the standard height for residence and office heating and each section of the radiator in this height contains 5 square feet of heating surface.

Price of 38 in. Radiators - - 23c per square foot of heating surface.

Price of other heights quoted upon application.
Distance from floor to center of opening, 4½ in. Width of section, 9 in; width across feet, 10 in.
Price as given above is F. O. B. our factory in Indiana.

Freight Rates

In the first table we quote freight rates from Chicago to a number of places in the various states. In the second we have shown the freight classification on many of the articles quoted in this book. If you want to figure about what the freight charges will be on any particular item, look in the second list and see what class it takes and then in the first list find your town, or the nearest one to it, and get the rate for that class. The weight of the goods will most likely be given under the description of the article in the catalogue, or you can estimate it very closely, and by multiplying the weight by the class rate you will arrive at the amount required.

Western classification applies to Illinois and states west of Chicago. Eastern classification applies to states east of Chicago and north of the Ohio River and includes Virginia and West Virginia. Southern classification applies to states south of the Ohio River.

	1	2	3	4
ALABAMA.				
Birmingham	$1.19	$1.03	$0.83	$0.64
Florence	1.19	1.03	.83	.64
Mobile	1.10	.90	.75	.58
Montgomery	1.38	1.21	1.03	.80
ARKANSAS.				
Newport	$0.80	$0.65	$0.45	$0.32
Clarendon	1.10	.95	.74	.56
Arkansas City	1.15	.95	.77	.60
CONNECTICUT.				
New Haven	$0.82	$0.71	$0.55	$0.39
Putnam	.82	.71	.55	.39
DELAWARE.				
Dover	$0.75	$0.65	$0.50	$0.35
Wilmington	.73	.63	.48	.33
FLORIDA.				
Gainesville	$1.78	$1.56	$1.38	$1.19
Jacksonville	1.30	1.10	.97	.85
Tallahassee	1.82	1.56	1.32	1.08
Tampa	1.80	1.53	1.31	1.17
GEORGIA.				
Atlanta	$1.33	$1.17	$1.00	$0.78
Macon	1.38	1.20	1.03	.80
Rome	1.33	1.17	1.00	.78
Savannah	1.30	1.10	.97	.85
ILLINOIS.				
Abingdon	$0.37	$0.30	$0.23	$0.18
Aurora	.21	.17	.14	.10
Cairo	.46	.38	.30	.23
Centralia	.42	.34	.26	.21
Danville	.30	.25	.20	.13
Dwight	.27	.22	.18	.13
Galesburg	.37	.29	.22	.16
Harvard	.25	.21	.18	.12
Jacksonville	.39	.32	.24	.19
La Salle	.30	.24	.19	.15
Lincoln	.36	.29	.22	.18
Mendota	.28	.23	.19	.13
Mt. Carroll	.31	.27	.21	.16
Oregon	.30	.24	.19	.15
Peoria	.36	.28	.22	.18
Streator	.30	.24	.19	.14
Waukegan	.21	.17	.14	.10
INDIANA.				
Anderson	$0.31	$0.27	$0.21	$0.14
Brazil	.31	.27	.21	.14
Elkhart	.24	.22	.19	.12
Evansville	.40	.34	.25	.17
Ft. Wayne	.28	.25	.20	.13
Indianapolis	.31	.27	.21	.14
La Porte	.18	.16	.15	.10
Muncie	.31	.27	.21	.14
South Bend	.22	.20	.17	.12
Terre Haute	.31	.27	.21	.14
IOWA.				
Belle Plaine	$0.59	$0.47	$0.38	$0.24
Burlington	.39	.32	.24	.19
Carroll	.79	.64	.44	.31
Cedar Rapids	.58	.47	.35	.24
Davenport	.37	.29	.23	.18
Des Moines	.68	.50	.40	.29
Dubuque	.38	.30	.23	.19
Keokuk	.41	.33	.26	.21
Marshalltown	.63	.50	.40	.26
Mason City	.63	.52	.42	.21
Oskaloosa	.63	.50	.40	.26
Ottumwa	.61	.50	.36	.26
Webster City	.61	.50	.36	.26
KENTUCKY.				
Ashland	$0.60	$0.51	$0.40	$0.29
Bowling Green	.96	.82	.68	.55
Covington	.50	.43	.33	.24
Frankfort	.61	.53	.42	.32
Fulton	.87	.83	.62	.36
Lexington	.68	.59	.46	.32
Louisville	.41	.35	.26	.18
Maysville	.51	.43	.33	.25
Paducah	.60	.50	.40	.25
Versailles	.63	.57	.46	.34
LOUISIANA.				
Alexandria	$1.37	$1.17	$0.99	$0.84
Baton Rouge	1.10	.90	.75	.58
Lake Charles	1.50	1.25	1.02	.85
New Orleans	1.10	.90	.75	.58
Shreveport	1.37	1.17	.99	.84
MAINE.				
Auburn	$0.82	$0.71	$0.55	$0.39
Augusta	.94	.81	.64	.45
Dover	1.02	.89	.69	.49
Portland	.75	.65	.50	.35
MARYLAND.				
Annapolis	$0.79	$0.69	$0.53	$0.38
Baltimore	.72	.62	.47	.32
Cambridge	.75	.65	.50	.35
Hagerstown	.72	.62	.47	.32
MASSACHUSETTS.				
Boston	$0.82	$0.71	$0.55	$0.39
Holyoke	.82	.71	.55	.39
North Adams	.82	.71	.55	.39
Worcester	.82	.71	.55	.39
MICHIGAN.				
Alpena	$0.53	$0.45	$0.34	$0.26
Bay City	.37	.32	.23	.16
Charlevoix	.53	.45	.34	.26
Cheboygan	.55	.45	.35	.26
Detroit	.37	.32	.23	.16
Escanaba	.60	.50	.40	.25
Grand Rapids	.33	.28	.22	.15
Kalamazoo	.30	.26	.21	.13
Lansing	.36	.31	.23	.16
Marquette	.60	.50	.40	.25
Saginaw, E. S.	.37	.32	.23	.16
MINNESOTA.				
Albert Lea	$0.60	$0.50	$0.40	$0.25
Brainerd	.96	.80	.64	.43
Crookston	1.19	.99	.89	.54
Duluth	.65	.55	.44	.28
Fergus Falls	1.06	.88	.70	.48
Minneapolis	.60	.50	.40	.25
Moorhead	1.06	.79	.70	.48
Pipestone	.77	.62	.43	.30
St. Cloud	.83	.69	.55	.38
Winona	.50	.42	.33	.23
MISSISSIPPI.				
Aberdeen	$1.25	$1.02	$0.82	$0.70
Columbus	1.25	1.02	.82	.70
Greenville	1.10	.90	.75	.58
Jackson	1.18	.99	.80	.67
Meridian	1.18	.99	.80	.67
Natchez	1.10	.90	.75	.58
MISSOURI.				
Hannibal	$0.60	$0.45	$0.35	$0.27
Mexico	.53	.40	.30	.25
St. Louis	.60	.45	.35	.27
Kirkville	.60	.45	.35	.27
Malden	.80	.65	.45	.32
De Soto	.87	.68	.54	.43
MONTANA.				
Billings	$2.55	$2.15	$1.75	$1.42
Butte	2.85	2.40	1.98	1.60
Glendive	2.09	1.77	1.44	1.05
Missoula	2.96	2.51	2.05	1.67
NEW HAMPSHIRE.				
Concord	$0.82	$0.71	$0.55	$0.39
Haverhill	.82	.71	.55	.39
Keene	.82	.71	.55	.39
Plymouth	.82	.71	.55	.39
NEW JERSEY.				
Bridgeton	$0.75	$0.65	$0.50	$0.35
Paterson	.75	.65	.50	.35
Salem	.73	.63	.48	.33
Trenton	.75	.65	.50	.35
NEW YORK.				
Auburn	$0.60	$0.52	$0.40	$0.28
Buffalo	.45	.39	.30	.21
Hudson	.75	.65	.50	.35
Jamestown	.45	.39	.30	.21
Kingston	1.04	.89	.72	.53
Rochester	.56	.48	.37	.26
Watertown	.75	.65	.50	.35
NORTH CAROLINA.				
Asheville	$1.34	$1.18	$0.99	$0.80
Newberne	1.13	.94	.74	.56
Raleigh	1.28	1.09	.86	.62
Salisbury	1.35	1.16	.92	.68
Wilmington	1.17	.98	.75	.56
NORTH DAKOTA.				
Bismark	$1.58	$1.32	$1.05	$0.74
Fargo	1.06	.79	.70	.48
Grand Forks	1.21	1.00	.80	.55
Minot	1.10	.94	.77	.61
Oakes	1.10	.91	.64	.48
Williston	1.39	1.16	.96	.76
OHIO.				
Bryan	$0.36	$0.31	$0.23	$0.16
Canton	.41	.35	.26	.18
Columbus	.41	.35	.26	.18
Dayton	.40	.34	.25	.17
Findlay	.37	.32	.23	.16
Painesville	.44	.37	.28	.19
Toledo	.37	.32	.23	.16
PENNSYLVANIA.				
Altoona	$0.72	$0.63	$0.47	$0.32
Bradford	.56	.48	.37	.26
Butler	.45	.39	.30	.21
Erie	.45	.39	.30	.21
Lancaster	.73	.63	.48	.33
Philadelphia	.73	.63	.48	.33
Towanda	.73	.63	.48	.33
Uniontown	.50	.43	.33	.23
SOUTH CAROLINA.				
Abbeville	$1.51	$1.37	$1.08	$0.82
Charleston	1.30	1.10	.97	.85
Columbia	1.39	1.21	1.03	.80
Georgetown	1.45	1.24	1.07	.87
SOUTH DAKOTA.				
Aberdeen	$1.10	$1.01	$0.64	$0.48
Chamberlain	1.22	1.04	.80	.55
Deadwood	2.25	1.95	1.60	1.32
Pierre	1.22	1.04	.80	.60
Redfield	1.10	.91	.64	.48
Scotland	1.00	.82	.65	.44
Sioux Falls	.80	.65	.45	.32
Yankton	.85	.68	.47	.34
TENNESSEE.				
Chattanooga	$1.11	$0.95	$0.79	$0.62
Jackson	1.03	.85	.70	.57
Knoxville	1.11	.95	.79	.62
Memphis	.85	.65	.55	.43
Nashville	.79	.68	.54	.41
VERMONT.				
Bennington	$0.82	$0.71	$0.55	$0.39
Montpelier	.82	.71	.55	.39
Newport	.82	.71	.55	.39
St. Johnsbury	.82	.71	.55	.39
VIRGINIA.				
Leesburg	$1.02	$0.88	$0.69	$0.51
Norfolk	.72	.62	.47	.32
Orange	.97	.83	.62	.42
Richmond	.72	.62	.47	.32
Staunton	.92	.83	.62	.42
WEST VIRGINIA.				
Charleston	$0.45	$0.39	$0.30	$0.21
Hinton	1.03	.88	.66	.45
Parkersburg	.45	.39	.30	.21
Wheeling	.45	.39	.30	.21
WISCONSIN.				
Ashland	$0.60	$0.50	$0.40	$0.25
Beloit	.36	.30	.24	.17
Eau Claire	.60	.50	.40	.25
Green Bay	.43	.36	.29	.20
La Crosse	.50	.42	.33	.23
Madison	.38	.33	.25	.17
Milwaukee	.25	.20	.15	.12
Prairie Du Chien	.50	.42	.33	.23
Rhinelander	.60	.50	.40	.25

CLASSIFICATION.	West.	East.	South.
Doors (common)	4	1	3
Doors (glazed)	4	1	3
Windows (glazed)	3	1	3
Window sash (open)	2	1	1
Newels (oak stair)	3	2	4
Newels (porch)	3	2	2
Balisters (oak stair)	3	2	4
Balisters (porch)	3	2	2
Porch Rail	3	2	2
Porch Columns	4	3	4
Spindles (wood)	3	3	4
Porch Columns (build-up)	4	3	4
Flooring (hardwood)	4	4	4
Casing (wood)	3	3	4
Base (wood)	3	3	4
Interior finish (wood)	1	3	4
Door Frames (K. D.)	3	3	4
Door Jambs (K. D.)	3	3	4
Window Frames (K. D.)	3	3	4
Screen Doors	1	1	1
Screens	1	1	1
Lines (wood)	1	1	1
Locks (door)	3	3	3
Builders' hardware	2	3	2
Roofing (prepared)	3	3	5
Roofing (metal)	4	3	6
Roof trimmings (metal)	4	3	6
Paints	4	4	4
Oil	3	3	3
Ceilings (metal nested)	4	4	4
Boilers (steam), sectional	3	3	3
Boilers (hot water), sectional	3	3	3
Furnace (hot air)	3	3	3
Radiators, steam and hot water	3	3	3
Supplies	3	3	3
Valves, steam and hot water	3	3	3
Pipe (iron)	4	4	6
Pipe (tin) nested	1	2	2
Pipe Fittings (iron)	4	4	6
Registers (hot air)	3	3	3
Pipe coverings (asbestos)	3	2	3
Bath Tubs (iron)	1	1	1
Lavatories	2	1	1
Sinks (kitchen)	3	3	3
Laundry tubs	3	3	3
Range Boiler Tanks	3	3	3
Laundry Stoves	3	3	3
Plumbing Supplies	2	2	2
Mantels (wood)	1½	1½	2
Grates	3	3	3
Lighting Fixtures (gas)	1	1	2
Lighting Fixtures (electric)	1	1	1
Lighting Fixtures (combination)	1	1	1
Glass, box lots	1	1	1
Electrical Supplies	1	1	1
Wire (rubber covered cover)	3	3	2
Cleats and Tubes (porcelain)	2	2	1
Cement Block Machines	2	2	2
Gasoline Gas Machines	1	1½	2
Glass Shades (gas)	1	1	1

The Geetzy Indoor Air Moistener.

Formerly the only objection that could be advanced against steam and hot water heating was the fact that with the direct method of radiation which is the type mostly in use, no provision was made for maintaining the humidity of the air.

Users of steam apparatus especially have noticed the effect of this dry air on furniture, plants, etc., to say nothing of the disagreeable feeling experienced by living in this unhealthy atmosphere.

It is a fact well known to the most able physicians that a very large amount of the sickness and deaths during the cold weather is caused by the extreme dryness of the atmosphere in artificially heated rooms.

Dr. Henry M. Smith says: "Every time we step out of our houses during the winter season we pass from an atmosphere with a relative humidity of about 30 per cent into one with a relative humidity of an average of 70 per cent. Such a sharp and violent change must be productive of harm, particularly to the delicate mucous membranes of the upper air passages. The remedy is to maintain the indoor humidity at the proper point."

Keep the temperature of your rooms at from 65 to 68 degrees and the moisture at 50 to 60 per cent., and it will result in health and comfort.

We can furnish the "Geetzy" Indoor Air Moistener in the following sizes and finishes.

BM 9700—"Geetzy" Indoor Air Moistener No. 1. 7½ inches long, 8 inches deep, 2 inches wide. Capacity 2 quarts. Capable of handling 1,500 ft. of air space or equivalent for a room 10x15x10 ft. Price, each.....**$1.25**

BM 9701—"Geetzy" Indoor Air Moistener No. 2. 15 inches long, 8 inches deep, 2 inches wide. Capacity 4 quarts. Capable of handling 3,000 ft. of air space or a room 20x15x10 ft. Price, each.....**$1.60**

Bronze and Bronzing Liquids.

For the decoration of Radiators, piping, etc., we wish to call your attention to our line of Bronze and Bronzing Liquid.

We have had imported for us a line of Bronzes which are unsurpassed by any others sold.

One trial of these bronzes will be sufficient to prove the worth of these goods. They are fully guaranteed.

COLORS—Pale gold, rich gold, copper and aluminum in one-pound cans.

	Per 1-lb. can.
BM 9420—Pale Gold.....	**$0.60**
BM 9421—Rich Gold.....	.60
BM 9422—Copper	.65
BM 9423—Aluminum	.95

One pound of Gold or Copper Bronze will cover about 300 square feet of radiation. One pound of Aluminum about 600 feet of radiation. One quart of liquid is required for each pound of Gold and Copper Bronze, and one gallon of liquid for each pound of Aluminum.

Directions for Use.

BRONZE—Use Yellow priming paint (free from oil) for all colors except silver and aluminum, for which a white priming is more suitable. Mix bronze into as much liquid as you will use immediately, sufficient to make it about the consistency of cream. Apply with a fitch brush (bear hair), do not work it any more than necessary with the brush—cover surface, if possible, with one stroke of brush. Applying bronze when radiators are warm improves the luster.

LIQUID—Keep the liquid can closed tight when not in use. Liquid left uncorked a very short time evaporates and thickens, and becomes worthless. Do not get any bronze in liquid can, as the smallest particle will turn it green. Liquid, if properly used will not have to be thinned. Do not use a dirty mixing pot or brush, and see that all dried-up bronze is carefully removed before mixing fresh.

Bronzing Liquid.

BM 9430—Per 1 gallon can...**$0.90**
BM 9431—Per half-gallon can. .50
BM 9432—Per quart can..... .30

Radiator Enamel.

We offer a very superior quality of these goods, made specially for our requirements, and can highly recommend same for covering quality and durability. Colors regularly carried in stock, in gallon, half gallon and quart cans, are made in Maroon, Black, Bronze, Green and Dull Green.

	Each.
BM 7160—One-gallon cans....**$1.60**	
BM 7161—One-half gallon cans.	.85
BM 7162—One-quart cans.....	.45
BM 7163—One-pint cans.....	.25
BM 7164—One-half pint cans..	.18

Directions for Use.

ENAMELS—Radiator should be painted with one coat of flat paint (free from oil) and one or two coats of enamel. Stir enamel thoroughly and apply with an ordinary flat bristle varnish brush. If it thickens add a little turpentine—too much will kill the lustre. Be sure to remove all oil or grease from surface of radiator before applying, or enamel will peel off. Do not flow it on too heavily—two thin coats are far better than one thick. One gallon will cover about 250 square feet of surface. Caution: Enamel should be applied when Radiator is cold, and heat should not be turned on for at least 24 hours thereafter.

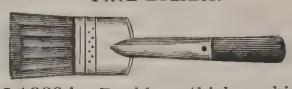
Maroon Gloss Japan.

We also offer an excellent quality of these goods in gallon, half-gallon and quart cans.

BM 9440—Per gallon.....**$0.95**
BM 9441—Per half-gallon.... .50
BM 9442—Per quart..... .30

JAPAN—Maroon Gloss Japan settles in a very short time. Is easily stirred if liquid is poured off and the pigment loosened with a putty knife, then gradually adding the liquid again. The more thoroughly the liquid is stirred, the better will be the result. Thin with turpentine and apply with ordinary flat bristle varnish brush. One coat is sufficient for radiator work. No priming is required; has high gloss, quite equal to enamel.

Fitch Brushes.



BM 16604—Double thick chiseled fitch hair flowing flat Brush, glue set and must not be put in water. Black enameled handle. A splendid brush for decorating radiators.

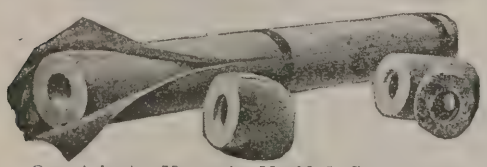
Width	1 in.	1½ in.	2 in.
Each	**$0.18**	**$0.25**	**$0.37**
Weight	3 oz.	3 oz.	4 oz.

Black Asphaltum.

For the painting of boilers and risers, we offer a black asphaltum of great covering capacity and durability.

BM 7532—Egyptian Black Asphaltum.

5-gal cans.	1 gal.	½ gal.	Quarts.	Pints.
$2.50	**$0.60**	**$0.40**	**$0.25**	**$0.15**



Asbestos-Magnesia Moulded Coverings for Steam Pipes.

BM 9121.

Our Asbestos-Magnesia Moulded Covering is the most popular covering made for High and Low pressure steam. It is absolutely fireproof, and one of the most durable and efficient coverings offered for the insulation of steam pipes. It is made in sections, three feet long, which are finished with canvas-jacket, and provided with metal bands, to hold them firmly in place, and can be easily applied by unskilled workmen.

Inside diam. of pipe, covering will fit	Covering per foot	Elbows Each	Tees Each
½ inch...	**$0.06½**	**$0.07**	**$0.08¾**
¾ inch...	.07	.08¾	.10½
1 inch....	.07¾	.08¾	.10½
1¼ inch..	.08¾	.08¾	.10½
1½ inch..	.09½	.08¾	.10½
2 inch....	.10½	.10½	.12¼
2½ inch..	.11¾	.12¼	.14
3 inch....	.13	.14	.15½
3½ inch..	.14¾	.15½	.17¼
4 inch....	.16½	.17¼	.20¾
5 inch....	.20	.26	.34½
6 inch.....	.21¾	.34½	.43¼

Asbestos Cement.
BM 9123.

This is a dry cement, prepared by carefully mixing pure asbestos fibre and other non-conducting cementing materials. Prepared for use by mixing with water, to the consistency of mortar.

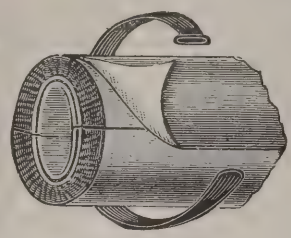
This is the kind of cement universally used for covering heating boilers. Also used by some fitters to cover elbows and tees in place of the molded fittings.

We handle only the No. 1 grade.

Put up in 100 lb. sacks.

Price, per sack.....**$1.40**

Wool Felt Sectional Covering for Hot Water Pipes.
BM 9122.



Inside diameter of pipe covering will fit	Covering ½ in thick per foot	Covering ¾ in. thick per foot
½ inch.....	**$0.04 1-5**	**$0.05**
¾ inch.....	.04 2-5	.05¼
1 inch.....	.05	.06
1¼ inch.....	.05 2-5	.06½
1½ inch.....	.06	.07 1-5
2 inch.....	.06½	.07¾
2½ inch.....	.07 2-5	.08¾
3 inch.....	.08 1-5	.09¾
3½ inch.....	.09 2-5	.11
4 inch.....	.10¼	.12 1-3

Made of soft corrugated wool felt, with one layer of asbestos felt on inside, finished with heavy muslin jacket, with lap to paste over the seams. Metal bands included. Made in sections three feet long, to fit all size pipes.

Asbestos-Magnesia Moulded fittings should be used with this covering.

Asbestos Retort Cement.

BM 9124—This is the strongest and most durable cement in use for "setting up" and repairing broken joints, furnaces, ranges, heaters, stoves, etc. Prepared ready for use. Adheres firmly to iron, tin, stone, brick or porcelain. It will be found valuable for laying brick, tile, setting boilers and fire-boxes, etc. When subjected to heat it vitrifies without shrinking and effectually prevents the escape of smoke or gas, thus insuring perfect draft.

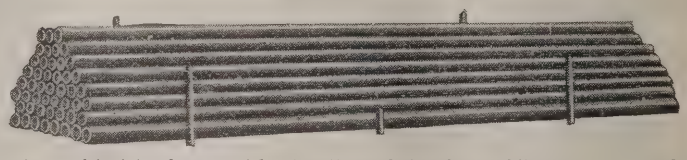
1 lb. can.....**15c**
5 lb. can.....**35c**
10 lb. can.....**60c**

Special quotations on large quantities.

Asbestos Paper.

BM 9125—To be pasted on hot air pipes as a protection from fire and also to retain heat in pipes. Put up in rolls of 50 and 100 lbs. Weighs about 1 lb. to the square yard. Price, 50 lb. roll.....**$2.00**
Price, 100 lb. roll..... **3.90**

Standard Wrought Iron Pipe. For Steam, Gas and Water.
BM 9126—



Prices subject to change without notice. Will always bill at lowest market rates. Size of Pipe is always determined by its inside diameter. (Not outside.)

The following prices are for pipe coupled and threaded in random lengths, that is, in pieces as they come from the mills, ranging between 16 and 20 feet. Free on board cars, Chicago, Ill.

There has been recent heavy advances in price of pipe and all of the mills are far behind on orders. Our quotations are therefore subject to stock on hand and also subject to change without notice.

Size	Price Black Per foot	Price Galv'z'd Per foot	Size	Price Black Per foot	Price Galv'z'd Per foot
¼ - ⅜	**$0.02½**	**$0.03¾**	2½	.21½	.28¾
½	.03¾	.05	3	.28½	.37¾
¾	.04½	.05¾	3½	.35¾	.47½
1	.06¼	.08¼	4	.40½	.50
1¼	.08½	.11¼	5	.54½	.72½
1½	.10	.13½	6	.70½	.94
2	.13½	.18			

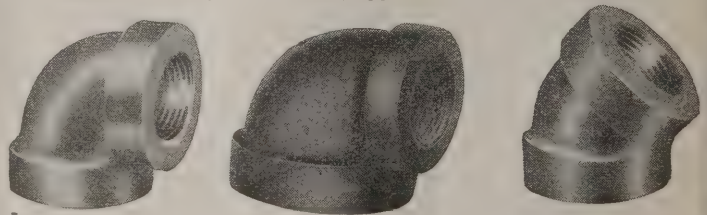
Write us for special prices on pipe in lots of 500 ft. or more of one size.

Cast Iron Fittings, for Heating Work.

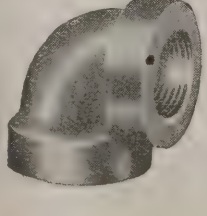
Only cast iron fittings should be used in Heating Systems. Malleable Iron fittings should not be used in this class of work on account of the destructive action of steam and hot water upon malleable iron. Malleable iron fittings are used in gas and also cold water piping, but for heating work use the cast iron fitting.

Elbows.

BM 9127 **BM 9128** **BM 9129**



For Pipe, in.,	½,	¾,	1,	1¼,	1½,	2,	2½,	3,	3½,	4,	5,	6,
R. H. Elbows, BM 9127	.02 2-5	.03 1-5	.04 1-5	.06 2-5	.08	.11	.2	. 0	.42	.48	.80	1.10
Reducing, BM 9128	.02 4-5	.03 3-5	.04 4-5	.07 1-5	.09	.13	.24	.34,	.48	.56	.92	1.26
45 Degree, BM 9129	.02 4-5	.04	.04 4-5	.07 3-5	.10	.14	.24	.36,	.50	.58	1.00	1.38



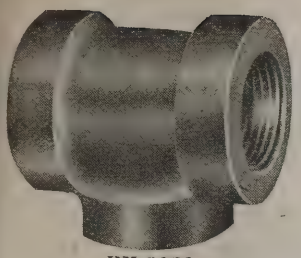
Pitched Elbows.

BM 9130

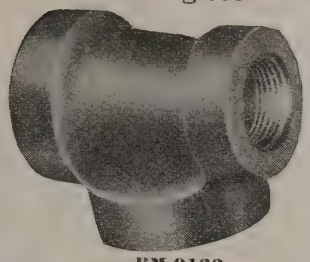
For use at the lower end of risers in order to give pitch to branch pipes and yet keep risers in a vertical line.

For Pipe, in....	¾	1	1¼	1½	2	2½	3
Price, each.....	**4c**	**5c**	**8c**	**10c**	**14c**	**26c**	**40c**

Tee



Reducing Tee



Cast Iron Tees

BM 9131 BM 9132

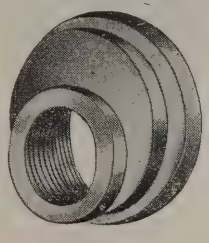
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
For Pipe.....	⅛	¼	⅜	½	¾	1	1¼	1½	2	2½	3	3½
Tee	.03	3-5 .04	4-5 .06	.09	.12	.17	.29	.44	.60	.70	1.20	1.60
Reducing Tees..	.04	.05	3-5 .07	.11	.13	.19	.33	.50	.70	.80	1.40	1.80

Flange Unions

BM 9133

For Pipe..	¾ In.	1 In.	1¼ In.	1½ In.
Price Each	.19	.21	.26	.31

2 In.	2½ In.	3 In.	3½ In.	4 In.	5 In.	6 In.
.40	.50	.60	.72	.84	1.26	1.60



Eccentric Reducers

BM 9134—Used to prevent the accumulation of condensation in steam pipes when reducing from a larger to a smaller size pipe.

For Pipe, in.	2	2½	3	3½	4	5	6
Price each...	.40c	60c	96c	$1.20	$1.60	$2.40	$3.20

Caps

BM 9135—

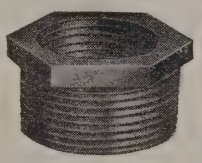
For Pipe, in.....	1	1¼	1½	2	2½	3
Price, each.....	6c	7c	9c	10½c	16c	22c

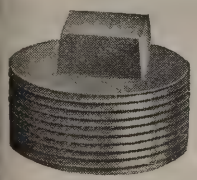
Bushings

BM 9136—Bushings 2½ in. and smaller, reducing one size, are malleable. Reducing two or more sizes and all larger than 2½ in. are cast iron.

For Pipe	¾ In.	1 In.	1¼ In.	1½ In.	2 In.
Price Each....	.04	.04	.04	.05	.05

2½ In.	3 In.	3½ In.	4 In.	5 In.	6 In.
.07½	.11	.14½	.18	.34	.45



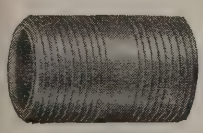


Cast Iron Plugs

BM 9137

For Pipe....⅛ In.	¼ In.	⅜ In.	½ In.	¾ In.	1 In.
Price Each.. .03	.03	.04	.04	.04	.05

1¼ In.	1½ In.	2 In.	2½ In.	3 In.	3½ In.	4 In.	5 In.	6 In.
.05	.06	.06½	.09	.14	.15	.32	.43	



Shoulder or Short Nipple

Close Nipple

Wrought Iron Nipples

BM 9138—

Length, inches							Prices	
Close	Short	Long				Size, Inches	Close or Short	Long
1⅛	1½	2	2½	3	3½	½	$0.03	$0.04
1⅜	2	2½	3	3½	4	¾	.04	.05
1½	2	2½	3	3½	4	1	.04	.05
1⅝	2½	3	3½	4	4½	1¼	.05	.06
1¾	2½	3	3½	4	4½	1½	.06	.08
2	2½	3	3½	4	4½	2	.07	.10
2⅛	3	3½	4	4½	5	2½	.09	.14
2½	3	3½	4	4½	5	3	.12	.18
2¾	4	4½	5	5½	6	3½	.18	.25
3	4	4½	5	5½	6	4	.21	.29
3⅛	4½	5	5½	6	6½	5	.37	.58
3¼	4½	5	5½	6	6½	6	.44	.60

All quotations on pipe and fittings subject to change without notice.

Brass Valves

Our STANDARD brass valves are properly proportioned, standard weight, and suitable for a working pressure of 100 pounds steam pressure. We do not handle the cheap, light weight, competition valves which are on the market. COMPOSITION DISC VALVES have a patent composition disc which is removable, are heavy and strong, and suitable for any steam pressure.

NOTE—The size of valves and pipe fittings is determined by the size of pipe over which they fit, and iron pipe is always measured inside diameter.

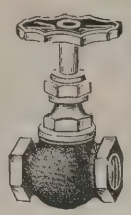
Globe Valves.

BM 3650 — Standard Brass Globe Valves.

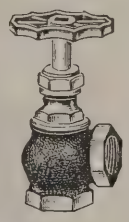
For pipe, in.	⅛	¼	⅜
Each	34c	35c	36c
For pipe, in.	½	¾	1
Each	46c	58c	83c
For pipe, in. ..	1¼	1½	2
Each	$1.16	$1.60	$2.42

BM 3652— Composition Disc Brass Globe Valves.

For pipe, in.	¼	⅜	½
Each	55c	62c	78c
For pipe, in. ..	¾	1	1¼
Each	$1.08	$1.35	$1.95
For pipe, in.	1½	2	
Each	$2.65	$4.00	



Angle Valves.



BM 3655 — Standard Brass Angle Valves.

For pipe, in.	⅛	¼	⅜
Each	36c	37c	38c
For pipe, in.	½	¾	1
Each	48c	60c	84c
For pipe, in. ..	1¼	1½	2
Each	$1.20	$1.65	$2.45

BM 3658— Composition Disc Brass Angle Valves.

For pipe, in.	¼	⅜	½
Each	56c	63c	79c
For pipe, in. ..	¾	1	1¼
Each	$1.09	$1.36	$1.96
For pipe, in.	1½	2	
Each	$2.68	$4.02	

Horizontal Check Valves.

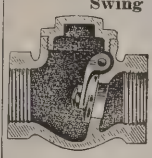
BM 3670—Standard Horizontal Brass Check Valves.

For pipe, in.	⅛	¼
Each	30c	31c
For pipe, in.	⅜	½
Each	34c	43c
For pipe, in.	¾	1
Each	54c	75c
For pipe, in.	1¼	1½ 2
Each	$1.02	$1.45 $2.20

BM 3671—Composition Disc, Horizontal Brass Check Valves.

For pipe, in.	½	¾	1	1¼	1½	2
Each	58c	85c	$1.17	$1.60	$2.25	$3.30

Swing Check Valves.



BM 3672 — Made of Brass.

For pipe, in...	⅜	½
Each	74c	78c
For pipe, in..	¾	1
Each	95c	$1.20
For pipe, in.	1¼	1½
Each	$1.47	$1.90
For pipe, in.....	2	
Each	$2.60	

Ball Check Valves. Brass.

BM 3675—These valves are properly constructed, and the balls are perfectly true. Suitable for steam or water.

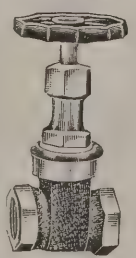
For pipe, in.	⅜	½	¾
Each ...	57c	82c	$1.20
For pipe, in.	1	1¼	
Each	$1.60	$2.10	

Vertical Check Valves. Brass

BM 3690—

For pipe, in.	⅜	½	¾	1
Each	37c	46c	57c	85c

Brass Gate Valves.



BM 3797 — Made of solid brass and allow a full flow and unobstructed passage of the water or liquid.

Pipe size.		
½	Each.....	$0.55
¾	Each.....	.67
1	Each.....	.97
1¼	Each.....	1.35
1½	Each.....	1.95
2	Each.....	2.90

Iron Body Gate Valves.

BM 3798—Iron body with brass trimmings. Allow a full flow and unobstructed passage of water or liquid.

Pipe size 2	Each..	$3.70
Pipe size 2½	Each..	4.40
Pipe size 3	Each..	5.50
Pipe size 3½	Each..	6.60
Pipe size 4	Each..	7.35

Pipe Joint Cement.

BM 4185—Cement for making a tight joint of steam and water pipe. Better and easier to apply than the ordinary red lead. Makes the joints perfectly tight. Put up in 1-lb. cans.

Per can..... 25c

Siphon Cock.

BM 4025—Siphon Cock for steam gauges. A steam gauge is not complete without one of these, and should not be used without one between the gauge and boiler, so as to protect the movement from expansion from heat and to secure water in the spring of the gauge when in use. ¼ in. (pipe size). Weight, 12 oz.

Each 72c

Fusible Plugs.

BM 4035—

Pipe size.....	½	¾	1
Weight, oz....	4	6	10
Each	23c	30c	38c

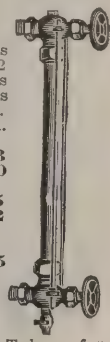
Steam Gauge Siphon.

Made only in one size, and of iron.

BM 4040—Each, ¼ inch (pipe size) 12c

Weight, 8 oz.

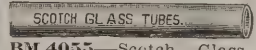
Water Gauges.



BM 4045 — With brass body, iron wheels and 2 guards to protect the glass tube. Prices are for gauges complete, as shown in cut.

Size.	Each.
Pipe ⅜, Glass ½x10.	
Rough	$0.93
Finished	1.30
Pipe ½. Glass ⅝x12.	
Rough	.95
Finished	1.32
Pipe ½, Glass ⅝x12, with 4 guards, finished body.....	2.05

Glass Tubes.



BM 4055—Scotch Glass Tubes for water gauges, ½ or ⅝ inch outside diameter.

Length	10	11	12	14	15
Weight, oz.....	2	2	2	3	4
Each	5c	6c	7c	7c	8c
Per doz.	40c	45c	48c	58c	60c

Lightning Burring Reamer.

This tool is used for cutting burr from pipe, and can be used for countersinking. It is made from a high grade of steel, carefully ground, and will work on iron, brass, wood, etc. Size at point 7-16 in.; size at largest part, 1¼ in.; length of flute, 1 9-16 in. Weight, 6 oz.

BM 3108—Each 75c

Wire Flue Brushes.

BM 3315—Flat Wire Flue Brushes. When ordering, give outside diameter of tube the brushes are wanted for. Weight, ½ lb. each. Outside diameter of tube..... 1¾ 2 2¼ 2½ 3

Each 17c 18c 22c 24c 28c

BM 4318—Sheet Rubber Packing with Cloth Insertion. A tough, durable packing of a good standard grade. Put up in rolls 36 in. wide. We do not cut the rolls lengthwise, but can furnish any quantity 1 yard wide. Sizes 1-16 in. to ¼ in.

Thickness.	Approx. Weight per sq. yd.	Per lb.
1-16 in.	6½ lbs.	$0.13
3-32 in.	9¼ lbs.	.13
⅛ in.	12½ lbs.	.13
3-16 in.	20 lbs.	.13
¼ in.	24 lbs.	.13

BM 4319—Red Rubber Sheet Packing. A high grade packing for general use. Will not harden under the most extreme heat and is very satisfactory for making gaskets, etc. Put up in rolls 36 in. wide. We do not cut rolls lengthwise, but can furnish any quantity 1 yd. wide. Sizes 1-32 in. to ¼ in. Approximate weight same as BM 4318. Per lb..... 42c

Genuine "Rainbow" Sheet Packing.

BM 4321—Is particularly adapted for hot steam pipe joints, man and hand hole plates in boilers, etc. Will not dry up and harden. Put up in rolls 36 in. wide. We do not cut rolls lengthwise, but can furnish any quantity 1 yard wide. Sizes 1-32 in. to ¼ in. Approximate weight same as BM 4318. Price, per lb..... 65c

Pure Rubber Sheet Packing.

BM 4330—Put up in rolls 36 in. wide. We do not cut rolls lengthwise, but can furnish any quantity 1 yard wide. Sizes 1-16 to ½ in. Approximate weights same as BM 4318. Price, per lb..... 45c

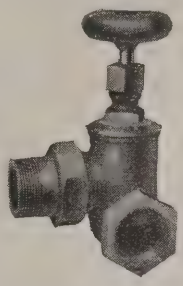
With Union

Jenkin's Disc Union Radiator Valves.

All metal parts nickel-plated. Wood handle. The standard valve for steam radiators.

BM 9520—

Size, in.	¾	1	1¼
Price	$0.85	$1.07	$1.40
Size, in.	1½	2	
Price	$1.80	$2.90	



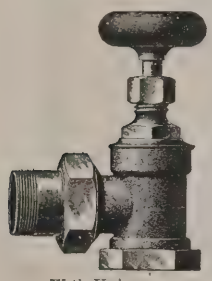
Left-Hand Valve

Jenkin's Disc Corner Radiator Valves.

Made both Right and Left Hand. In ordering state which you want.

BM 9521—

Size, in.	¾	1	1¼
Price	$1.20	$1.50	$2.00
Size, in.	1½	2	
Price	$2.55	$3.98	

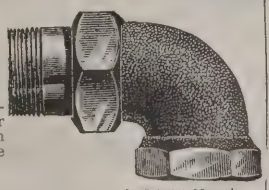


With Union

Hot Water Union Radiator Valves.

BM 9522—Quick Opening Pattern. All of our hot water valves are constructed with a by-pass, which absolutely prevents the freezing and bursting of radiators when hot water supply is closed. All metal parts nickel plated. Wood handle.

Size, in.,	¾	1	1¼
Price	$0.64	$0.82	$1.12
Size, in.	1½	2	
Price	$1.60	$2.45	



Both Threads Right Hand

Union Elbows.

Used to connect return pipe to hot water radiator. All prices on valves subject to change without notice.

BM 9523—

Size, in.	¾	1	1¼	1½	2
Price	45c	56c	72c	90c	$1.58

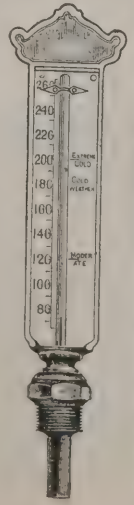
Automatic Air Valves for Steam Radiators.

One of the best Air Valves on the market. Automatically closes against steam by expansion and against water by flotation.

Best Materials.
Best Construction.
Best Results.

BM 9524 — Price each 50c

BM 9525 — Constructed on the same general principle as the BM 9524, only on a smaller pattern. The only reliable, cheap priced, automatic air valve on the market. Price, each 35c

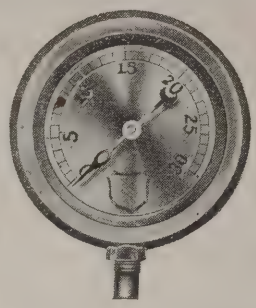


Hot Water Thermometer.

No hot water boiler should be without a hot water Thermometer. When properly connected it shows accurately the temperature of the water as it leaves the boiler. Each Thermometer carefully packed in a separate wooden box. We can furnish two different styles of Thermometer—the straight as shown in cut, which is usually screwed into the top of the boiler, and also the angle style which is mostly used on risers or circulating pipes.

BM 9526—Straight Hot Water Thermometer $0.60

BM 9527—Angle Hot Water Thermometer $0.70



Steam Gauges.

For Low Pressure Heating Boilers.

Size, 5 in.; iron case, nickel plated rim, silvered dial. Registers up to 30 lbs. pressure. This is the same gauge as we supply regularly with our Steam Heating Boilers.

BM 9527 — Price each $1.20

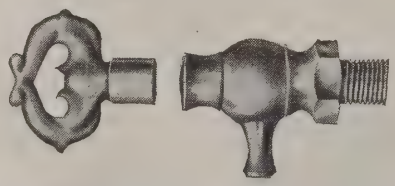
Altitude Gauges.

Every hot water system should have an altitude gauge. These gauges indicate the height of the water in the system. It shows at a glance when water is needed and also when enough has been added.

Explanation: When the water is at its proper level in expansion tank, remove the ring and glass, and set the stationary hand at the pressure indicated by the working hand; whenever the pressure falls below this point, water should be added. Size, 5 in., iron case, with brass or nickel plated rim.

BM 9528—Price, each.....$1.30

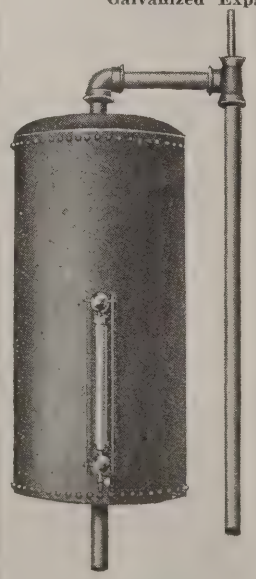
Compression Air Valves.



This is the style of air valve used on hot water radiators. Notice by the cut that it is operated by a key. No ruined carpets or plastered ceilings where these valves are used. Only the parties having the key can operate them. Price as given is for valves without key but we include one key free of charge with every six valves ordered.

BM 9529—Price each, nickel plated.....$0.10
Price extra keys, nickel plated..... .07

Galvanized Expansion Tanks.



For Hot Water Heating Systems.

Galvanized steel, tested to 100 pounds pressure. Made of refined steel, riveted and caulked. Tapping: These tanks are tapped top and bottom for one inch overflow and expansion pipe, and on side for feed pipe.

Number	Capacity Gallons	Sq. Ft. of Radiation it will supply	Price of Tank and Gauge
BM 9147	8	250	$3.25
BM 9148	10	300	3.42
BM 9149	15	500	3.78
BM 9150	20	700	5.04
BM 9151	26	950	5.60
BM 9152	32	1300	6.05
BM 9153	42	2000	6.60

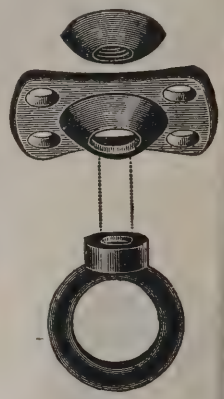
Adjustable Ceiling and Floor Plates.

Used where steam or hot water pipes pass through floors or ceilings to cover holes through which pipes pass. These plates can be put on after work is finished by slipping plate around pipe. The ceiling plate is held in position by means of a set screw.

BM 9154

For Pipe	½in.	¾in.	1in.	1¼in.	1½in.	2in	2½in.	3in.
Black	.04½	.04½	.05	2-5 .06	.07	1-5 .08¼	.13	.18
Nickel-plated	.07½	.07½	.08¼	.09	2-5 .10½	.11	2-5 15	3-5 22½

Expansion Pipe Hangers.



Used to support the main steam and hot water pipes in the basement of a building or at any place where a long run of horizontal pipe is used. Prices as given do not include the pipe shown by dotted lines, as this varies in length on account of pitch of pipe.

BM 9139—

Size	¾in.	1in.	1¼in.	1½in.	2in.	2½in.	3in.	3½in	4 in.
Price each	.05¼	.05½	.05¾	.07½	.08¾	.11	.13¼	.16½	.19

Windsor Pipe Hangers.

BM 9140—Adjustable.

Size of Pipe	½ in.	¾ in.	1 in.	1¼ in.	1½ in
Price each					
Adjustable length 2 to 10 in.	.07¾	.07¾	.07¾	.08½	.09¼
" " 10 to 16 in.	.09	.09	.09	.09¾	.10¾
" " 16 to 22 in.	.10¼	.10¼	.10¼	.11	.12

Size of Pipe	2 in.	2½ in.	3 in.	3½ in.	4 in
Price each					
Adjustable length 2 to 10 in.	.10¾	.12¾	.15	.15¾	.18
" " 10 to 16 in.	.12	.14	.16¼	.17	.20½
" " 16 to 22 in.	.13¼	.15¼	.17½	.18¼	.21½

If any of your friends are building and you think they would like to have a copy of this catalogue, kindly send us their names and addresses and we will see that they are supplied.

We also issue a special FURNITURE CATALOGUE showing the latest designs in many artistic patterns, also a special STOVE CATALOGUE listing our celebrated "WINDSOR" Stoves and Ranges. Either or both of these special catalogues will be promptly sent upon request.

Remember: Save your dividend certificates. They enable you to quickly secure many valuable presents without cost to you. They are issued with every sale of $1.00 or more. Send for PREMIUM LIST.

Trimo Pipe Wrench.

This wrench is considered to be one of the best in the market. It is drop forged from a bar of steel, is interchangeable in all its parts, does not lock upon the pipe, but releases its hold readily; grips the pipe firmly without lost motion; does not crush the pipe or slip. The movable jaw and the nut are made with a round top and bottom thread, guaranteed not to strip or burr. An inserted jaw is placed in the handle, which can be renewed for little expense, when dull or worn.

BM 3230—Length, when open, in inches.. 6 8 10
Takes pipe from.... ⅛ to ½ ⅛ to ¾ ⅛ to 1
Wt., lb.... 1 1¼ 1½
Each **$0.61 $0.62 $0.69**

BM 3230—Length, when open, in inches 14 18 24
Takes pipe from ¼ to 1½ ¼ to 2 ¼ to 2½
Wt. lb... 3½ 5 8¼
Each .. **$0.93 $1.23 $1.86**

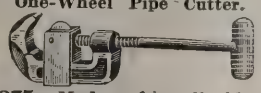
Extra Parts for Trimo Wrenches.

BM 3231—
Size 6 8 10
Jaws **$0.27 $0.27 $0.30**
Inserted Jaws... **.15 .15 .18**
Nuts ..... **.13 .13 .15**
Size 14 18 24
Jaws **$0.40 $0.53 $0.80**
Inserted Jaws.... **.25 .28 .33**
Nuts ..... **.18 .22 .25**

Pipe Jaws.

BM 3155—With these jaws you can readily convert an ordinary monkey wrench into a first-class pipe wrench. Made of high-grade steel; will not slip or crush the pipe; are suitable for bolts or pipe from ⅛ in. to 3 in., which gives a very wide range of sizes. No. 2 for wrenches, sizes, 5 in., 6 in. and 8 in. Weight, 5 oz. Per pair (jaws only) **25c**
No. 1, for wrenches 8 in. and larger. Weight, 8 oz. Per pair..... **28c**

One-Wheel Pipe Cutter.



BM 3275—Made of malleable iron with steel rod and tool steel cutter; lighter and stronger than any other one-wheel cutter made. You can make no mistake in buying it. Weights range from 3⅜ to 9¾ lb. each.
Numbers 1 2 3
Cuts pipe from .. ⅛ to 1 in. 1 to 2 in. 2 to 3 in.
Each **$0.87 $1.33 $3.77**

BM 3276 — Extra wheels. Weights range from 2 to 4 oz. each.
Nos. 1 2 3
Each **$0.08 $0.11 $0.16**

Roller Pipe Cutter.

This Pipe Cutter is simple and strong in construction. The working parts are made of best tool steel. By referring to cut it will be seen that the front that rubs on pipe is provided with rollers which reduce the friction, making it a very easy cutting tool. The cutter wheel is same as used in Saunder's cutter.

BM 3280—
Numbers 1 2 3
Cuts pipe in.... ⅛ to 1 ¾ to 2 1 to 3
Weight, lb..... 3½ 7½ 11
Each **$0.90 $1.39 $3.35**

BM 3281—Extra wheels, each.... **.08 .09 .17**
Weights range from 2 to 3 oz. each.

"Trimo" Pipe Cutter.
New Pattern.

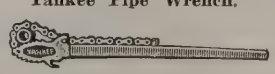
BM 3285—"Trimo" Pipe Cutter, with one cutter wheel and two roller wheels, as illustrated. Cuts a square end, smooth and clean, leaving no burr. An easy, rapid cutting tool, made of the best material, with extra quality cutting wheel.

Numbers 1 2 3
Cuts pipe ⅛ to 1¼ ⅛ to 2 1¼ to 3
Weight, lb. 5 5½ 8
Each **$1.46 $1.95 $3.25**

BM 3286—Extra wheels **$0.14 $0.15 $0.20**

BM 3287—Extra rolls **$0.13 $0.14 $0.18**

Yankee Pipe Wrench.



BM 3240—Brock's Yankee Pipe Wrench is forged out of a bar of steel, in one piece, with a special steel chain and the teeth are milled and tempered. The handle is oblong shape, giving it a greater resisting power than if it were round or hexagon shape, and by swinging the chain from one side to the other this wrench will take more intermediate sizes of pipe than any other wrench made. The No. 1 size will also take pipe fittings, which is a desirable feature. Weights range from 5 to 18 lb. each.

No.	Length.	Take Pipe.	Each.
1	20 in.	¼ to 1½	**$1.55**
2	27 in.	¼ to 2½	**2.30**
3	37 in.	¾ to 4	**3.20**
3½	44 in.	1 to 6	**4.10**

Three-Wheel Pipe Cutter.

BM 3290—The wheels of this cutter are made of Jessop's best tool steel. The body and handle are of malleable and wrought-iron. Simple and strong in construction and cuts rapidly and easily.

Numbers ... 1 2 3
Cuts from... ⅛ to 1 ½ to 2 1½ to 3
Wt., lb..... 3½ 5¼ 8½
Each **$1.02 $1.33 $2.19**

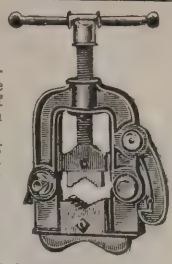
BM 3291—Extra wheels, each.....**$0.06 $0.09 $0.11**

Trimo Bull Dog Wrench.

BM 3244—Bull Dog Pipe Wrench, is constructed of high-grade material, and the range of work for this wrench is as great as that of any tool of its kind. The jaws are properly tempered, will not slip or crush the pipe, and all the parts are made interchangeable, making it easy to secure repairs. The handle is forged in sections to give greatest strength with the least weight. Chains are all tested before leaving the factory.

Nos.	Length	Takes pipe-	Wt. lbs.	Price Each.
11	20 in.	⅛ to 2	5	**$2.18**
12	27 in.	¼ to 3	9	**2.97**
13	37 in.	¾ to 6	17½	**4.28**
14	45 in.	1 to 8	25	**5.37**

Malleable Pipe Vise.

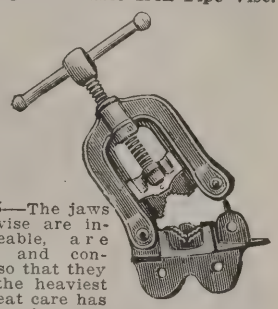


Self-Locking.

BM 1862 — Malleable Pipe Vise, made of a fine quality of malleable iron, with hardened steel jaws, and a self-locking latch. Carefully constructed and fully guaranteed.
No. 1 capacity, ⅛ to 2½ in. pipe; wt. 12 lbs. Each..**$1.35**
No. 2 capacity, ¼ to 3½ in. pipe; weight, 16 lbs. Each **$2.03**

BM 1863—Extra jaws (3 pieces to set).
No. 1, per set.....**$0.65**
No. 2, per set..... **1.00**

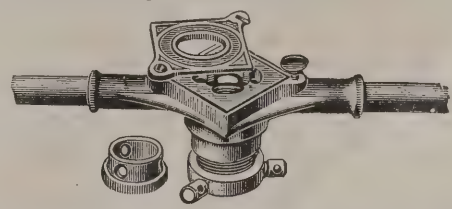
Open Hinge Malleable Iron Pipe Vise.



BM 1865—The jaws of this vise are interchangeable, are of steel and constructed so that they will do the heaviest work. Great care has been taken in manufacturing the various parts, putting the strength where most desired. Jaws are warranted.
No. 1 2
Holds pipe from. ¼ to 2 in. ¼ to 3 in.
Weight, lbs..... 11 14
Each **$1.32 $1.82**

BM 1866—Extra jaws, per set... **.45 .80**

Pipe Stock and Dies.

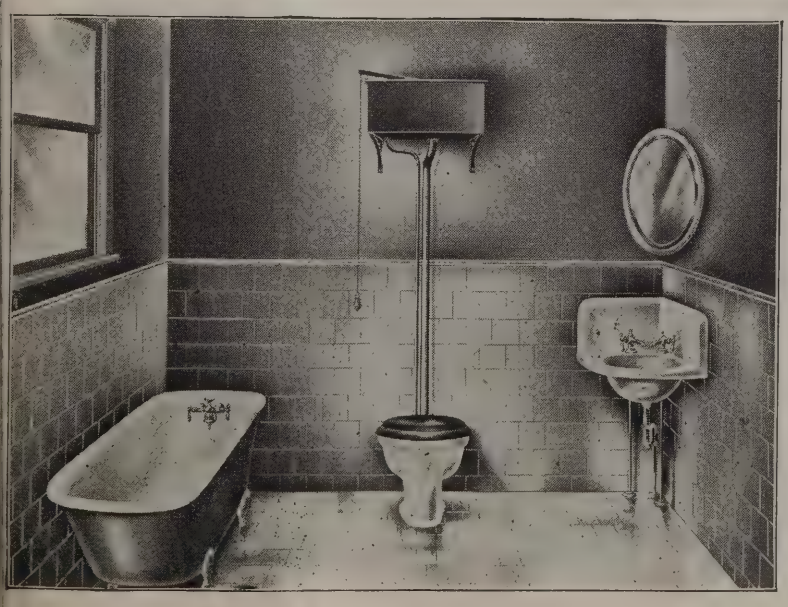


BM 3000—Malleable Iron Pipe Stock, with solid steel die. These goods are made for us and we know them to be right in every particular. Quality always guaranteed. Pipe taps not included. For prices on taps see BM 3105. Weights range from 6½ to 26 pounds per set.

Leader screws, as shown in cut, are made only on the No. 2 stock. Not furnished in the smaller stocks.

Numbers.....	0	1	1½	1¾	2
Pipe Sizes of Dies.....	⅛,¼,⅜,½	¼,⅜,½,¾,1	¾,1,1¼	1,1¼,1½	1¼,1½2
Dimensions of Dies.....	2x1½	2½x¾	3x¾	3x¾	4x⅞
Complete with Dies.....	$2.30	$3.00	$2.75	$2.75	$4.10
Extra Dies, Each.	.45	.60	.75	.75	.92
Extra Guides, Each.....	.08	.13	.17	.71	.20

Plumbing Goods



There is probably no other line of material that enters into building construction work on which we can save our customers so much money as on plumbing goods.

The policy we adopted several years ago when we first listed plumbing material of selling only the best grade or A quality goods is still in force, and our constantly increasing trade in goods of this character indicates that the public appreciate getting dependable goods at a moderate price.

Buy your plumbing material of us and have some good local plumber install the system.

You will secure a better job than if you let your work by contract and you will save quite a sum by so doing.

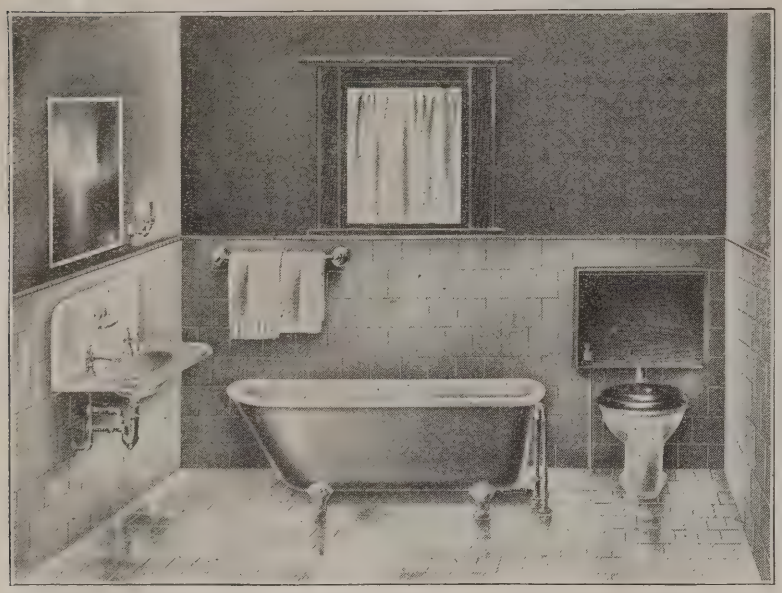
Modern Bathroom Outfits

BM 5401—Bath Room Outfits. Here is a strictly A quality bath room outfit at a very moderate price.

Bath Tub—The tub is made of heavy cast iron nicely enameled inside and over rim. Comes complete with No. 4½ Fuller Combination Bath Cock, offset bath supply pipes and combined Waste and Overflow, plated chain and plug. All of these trimmings are nickle plated. Length of tub 5ft. ft., height of tub mounted on legs 23 inches, depth inside 17½ inches, width inside 24 inches, width over rim, 28½ inches.

Closet—Plain wash-out water closet with high flush tank. Comes complete with copper lined oak flush tank, oak seat and cover, No. 1 earthenware wash-out bowl, nickle plated flush and supply pipes, chain and pull.

Lavatory—Enameled Iron Lavatory to be placed in corner of bath room as shown in illustration. Strictly A quality enameled ware, complete with nickle plated Fuller basin cocks, nickle plated S trap with waste to floor and vent to wall, nickle plated supply pipes, chain and plug. All of the above A quality goods at the low price of **$46.80**



Bath Room Outfit BM 5402

BM 5402—Bathroom Outfit, consisting of the following items, all strictly high grade and guaranteed first class.

White Porcelain Enameled Bath Tub. Made of heavy cast iron, with large roll rim, handsome and cleanly and will last a life time. Length, 5 feet. Fitted complete with nickel-plated double bath cock for hot and cold water, two nickel-plated supply pipes to floor, nickel-plated combination waste and overflow.

Low Down Closet, complete. Consisting of a syphon wash down bowl of best white, vitreous earthen ware, polished oak seat and lid attached to bowl with heavy nickel-plated off-set hinges; polished oak tank, copper lined, equipped with improved flush valve and fittings; nickel-plated supply pipe to floor. Fully guaranteed.

White Porcelain Enameled Lavatory. Made of heavy cast iron. The slab, back and bowl are white enameled, making a smooth, beautiful finish easily kept clean. Length, 24 in., width, 18 in., height of back, 10 in., size of bowl, 11 in. x 15 in., with patent overflow. Nickel-plated trap with waste and vent to wall. Two nickel-plated Fuller basin cocks, two nickel-plated supply pipes to wall. Plug and chain complete. **Every item is guaranteed strictly high grade.** Our price for this beautiful, modern outfit only.....**$51.45**

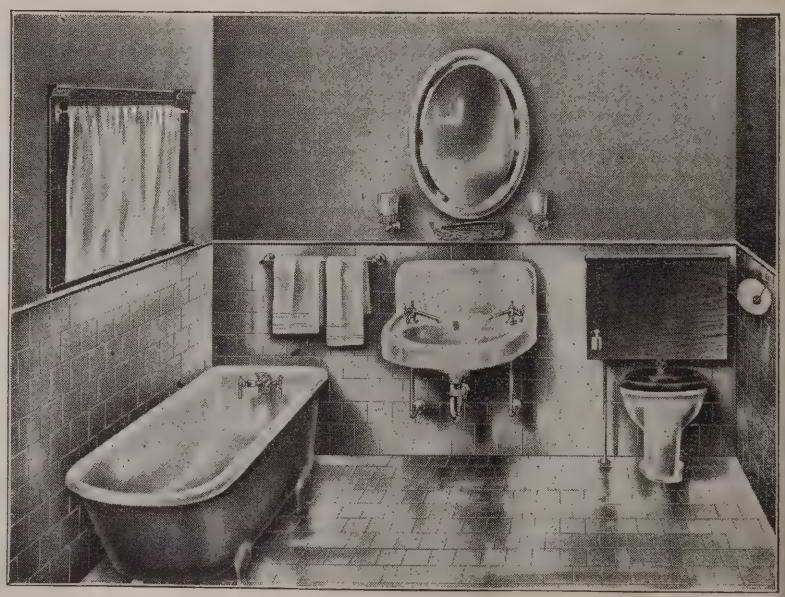
Bath Room Outfit BM 5403

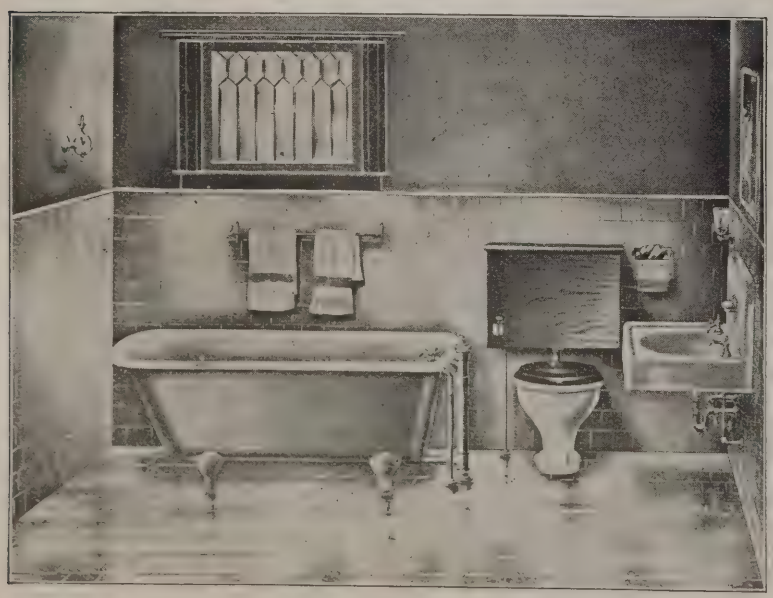
BM 5403—Bath Room Outfit, consisting of the following:

Bath Tub. First quality enameled, length 5 ft., complete with No. 4 ½ ft. Fuller Combination Bath Cock, offset bath supply pipes, combined waste and overflow, chain and plug. All of the above trimmings are made of the best quality brass and nickel plated. Height of tub on legs 23 inches; width over rims 28 ½ inches; width inside tub 24 inches; depth inside tub 17 ½ inches. Perfectly enameled inside and over rims and guaranteed perfect.

Closet. One syphon Wash Down Water Closet, complete as shown. Has No. 1 Syphon Wash Down earthen bowl, perfectly glazed inside and out. Copper lined solid oak flush tank with float valve operated by push on front of tank. Solid oak seat and cover; nickel plated flush and supply pipes.

Lavatory. Modern enameled lavatory with apron as illustrated. Bowl slab and back cast in one piece and perfectly enameled. Length 21 inches; width 18 inches; height of back 8 inches. Oval bowl 10x14 inches with patent overflow. Comes complete with the following trimmings: Fuller nickel plated basin cocks, nickel plated P trap with waste and vent to wall and nickel plated wall supply pipes. Price of the three fixtures as illustrated and described.....**$51.00**





Bath Room Outfit BM 5404

BM 5404—Bath Room Outfit. This outfit is one of our leaders as each of the pieces comprising the set are the very latest and best in plumbing materials. Consists of the following high grade fixtures:

Bath Tub. Best quality 5 ft. enameled roll rim bath tub, complete with nickel-plated Ideal waste, nickel-plated Fuller Combination Bath Cock and nickel-plated offset supply pipes. Enameled inside and over rim. Outside of these tubs are left plain as it is customary to paint and decorate tubs after they are set in place. They can then be decorated to harmonize with the color of the bath room. Length over rim 61 inches; width over rims 28 ½ inches; height mounted on legs, 23 inches; width inside 24 inches; depth inside 17 ½ inches. A No. 1 tub in every respect.

Closet. Best quality genuine Syphon Jet Water Closet. Complete with best grade of vitreous earthenware bowl, copper lined solid oak flush tank with float valve operated by push as shown, solid oak seat and cover, nickel-plated flush and supply pipes.

Lavatory. Handsome enameled lavatory with apron as illustrated, complete with the following nickel-plated trimmings: Fuller basin cocks, P trap with waste and vent to wall, wall supply pipes with air chamber. Length of slab 24 inches; width of slab 18 inches; height of back 10 inches; size of bowl 10x15 with patent overflow. The best quality of enameled ware. Price for this modern bath room outfit as shown and described.....**$62.00**

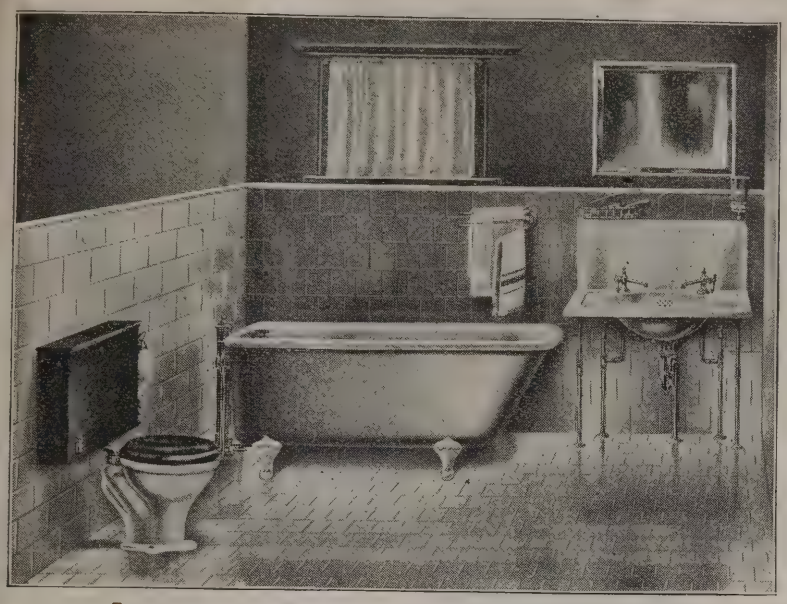
Bath Room Outfit, BM 5405

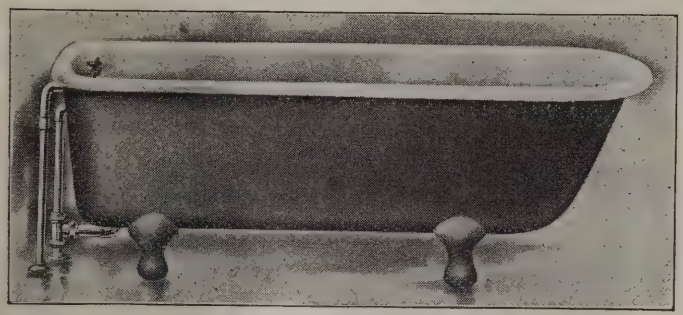
BM 5405—Bath Room Outfit. To those who wish a marble lavatory instead of the white enameled ware we offer, the outfit as here shown. The bath tub and closet are the same high grade goods as listed in outfit BM 5404, the only difference being the substitution of the marble lavatory for the enameled ware as noted above. Outfit consists as follows:

Bath Tub—First quality 5 ft. enameled bath tub complete with Fuller nickel plated combination bath cock, nickel plated offset bath supply pipes and nickel plated Ideal waste. Dimensions are as follows: Length over rim, 61 inches; width over rim, 28½ inches; height mounted on legs, 23 inches; width inside, 24 inches; depth inside, 17½ inches.

Closet—Best quality Syphon Jet Water Closet with low down tank. Complete as follows: Best grade syphon jet earthenware bowl, copper lined solid oak flush tank with float valve operated by push, oak seat and cover, nickel-plated flush and supply pipes.

Lavatory—Italian marble lavatory. Lavatory Basin Slab and back are made of best quality white Italian marble, finely polished. Size of marble basin slab is 20x24 inches, height of marble back 10 inches. Has best quality oval earthenware basin 14x17 inches with patent overflow. Lavatory is supported by handsome nickel plated lavatory legs. Comes complete with all nickel plated trimmings as shown—Fuller Basin Cocks, S trap with waste to floor and vent to wall, nickel plated supply pipes with air chamber. Price of the complete outfit as described **$60.00**

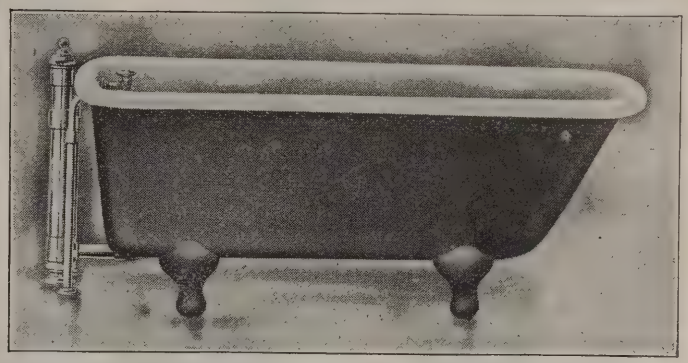




Porcelain Enameled Bath Tub.

BM 5372—Made of heavy cast-iron, white porcelain lined inside with 3-inch enameled roll rim. Plain outside. It is fitted complete with nickel plated overflow pipe and supply pipes to the floor, as shown in the illustration. A very handsome tub, an ornament to any bathroom, and guaranteed to contain no defects or imperfections. Prices include nickel-plated Fuller Double Bath Cock, two nickel-plated supply pipes to floor, nickel-plated combined overflow and waste connection and rubber stopper. The outside of these tubs is left plain, as it is customary to paint or decorate them after they are set in place; they can then be decorated to harmonize with the color of the bathroom. Width of tubs over rim, 28½ in.; width inside, 24 in.; depth inside, 17½ in.; height on legs, 23 in. Waste connection fitted for 1½ in. lead pipe. We handle only the best grade of tubs, and will not try to compete with the second quality goods that are being put on the market. Approximate shipping weight, 400 lbs.

Size of tub.	Length over rim.	Price, each, complete.
4½ ft.	55 in.	**$23.60**
5 ft.	61 in.	**24.70**
5½ ft.	67 in.	**26.85**

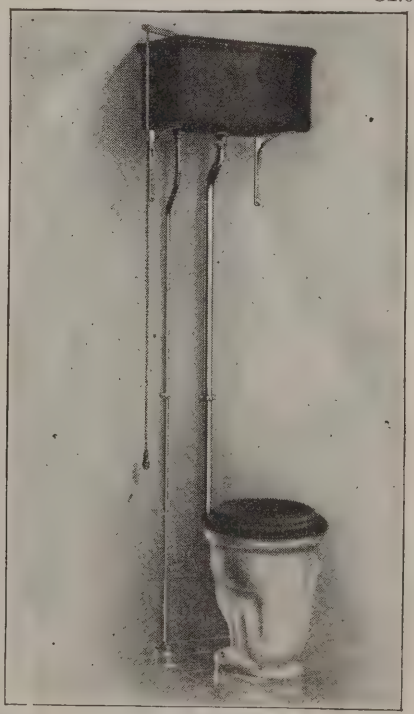


Porcelain Enameled Bath Tub.

BM 5371—Made of heavy cast-iron, white porcelain lined inside, with 3-inch, enameled rolled rim; plain outside, handsome in appearance, easily kept clean and will last a lifetime. Guaranteed to contain no defects or imperfections. Prices include Fuller bath cock, supply pipes to floor and Ideal Ideal waste; all trimmings nickel-plated. The outside of these tubs is left plain, as it is customary to paint or decorate them after they are set in place; they can then be decorated to harmonize with the color of bathroom. Width of tubs over rim, 28½ in.; width inside, 24 in.; depth inside, 17½ in.; height, mounted on legs, 23 in.; fitted for 1½ in. lead pipe.

Don't be deceived by the low prices you may see quoted on this line of goods. In every case they are seconds, and the quality of the goods we offer you is far superior in every way. Approximate shipping weight, 400 lbs.

Size of tub.	Length over rim.	Price, each.
4½ ft.	55 in.	**$27.65**
5 ft.	61 in.	**28.60**
5½ ft.	67 in.	**31.00**



Plain Wash-out Closet.

BM 5450—Wash-out Closets, complete, as shown in accompanying cut, consist of plain front wash-out bowl of best white, vitreous earthenware, with polished oak seat and lid hinged to bowl. Round cornered, hardwood, copper lined tank. Nickel-plated flush and supply pipes. Pull and chain. The entire outfit is handsomely finished, thoroughly practical, and guaranteed perfect. Weight, 100 lbs. Complete **$11.85**

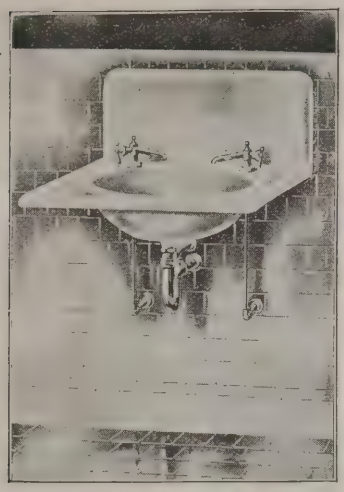
Syphon Wash Down Closet.

BM 5464—Wash-down Syphon Closet. Bowl is best white, vitreous earthenware with polished oak seat and lid, attached to bowl with heavy nickel-plated hinges. Low down tank of polished oak, copper lined, nickel-plated supply pipe to floor. All handsomely finished and guaranteed perfect. Approximate weight, 100 lbs. Complete. Price...**$13.20**

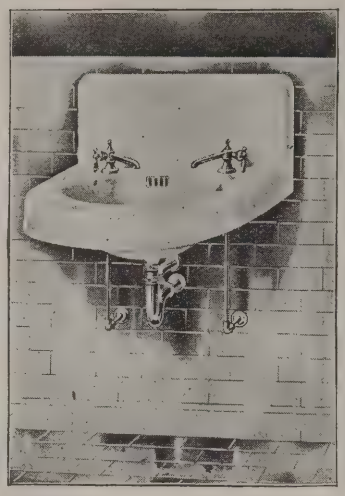
Syphon Jet Closet.

BM 5466—Syphon jet bowl of best white, vitreous earthenware. Polished oak seat and lid, attached to bowl with heavy nickel-plated offset hinges. Low down tank of polished oak, copper-lined, nickel-plated supply pipe to floor. A slight pressure on the button empties the tank and flushes the bowl perfectly. Handsomely finished throughout, and guaranteed strictly first class. Approximate weight, 120 lbs. Complete. Price..... **$17.30**

Enameled Iron Lavatories



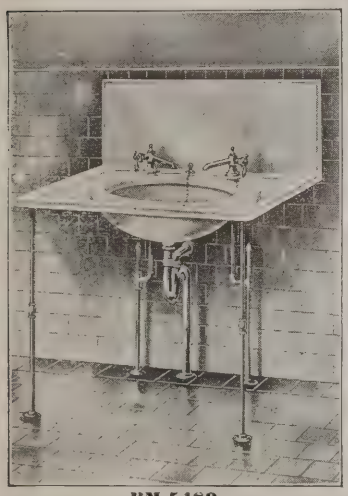
BM 5494—White enameled lavatory. Length, 24 in., width, 18 in., height of back, 10 in. Size of bowl, 11x15 in., patent overflow. Nickel plated trap and waste with vent to wall. Two nickel plated Fuller basin cocks; two nickel plated supply pipes. Heavy iron brackets, plug and chain, complete as illustrated. Enameled inside, painted outside. Price **$14.80**



BM 5496—White enameled half-circle apron lavatory. Length, 21 in.; width, 18 in.; height of back, 8 in.; size of bowl, 10x14 in., patent overflow. Nickel plated trap and waste, with vent to wall. Two nickel plated Fuller basin cocks. Two nickel plated supply pipes, wall brackets, plug and chain, complete as illustrated. Enameled inside, painted outside. Price..... **$14.40**

BM 5498—White enameled, apron lavatory. Length, 24 in.; width, 18 in.; height of back, 10 in.; size of bowl, 11x15 in., patent overflow. Nickel plated trap and waste, with vent to wall. Two nickle plated Fuller basin cocks; two nickle plated supply pipes with air chamber, wall brackets, plug and chain, complete as illustrated. Enameled inside, painted outside, that is, the top, sides or apron, bowl and back are all white porcelain enameled. Price **$17.20**

Marble Lavatories.



BM 5489

Lavatory in either Italian (white) marble, or Tennessee (pink) marble, finely polished. Size of slab, 20 in. x 24 in.; height of back, 10 in. White earthen basin, patent overflow. Two nickel plated Fuller basin cocks. Two handsome nickel plated legs. Two nickel plated supply pipes with air chamber. Nickel plated trap with waste and vent to wall, chain stay, plug and chain, as illustrated. Approximate weight, 120 lbs.

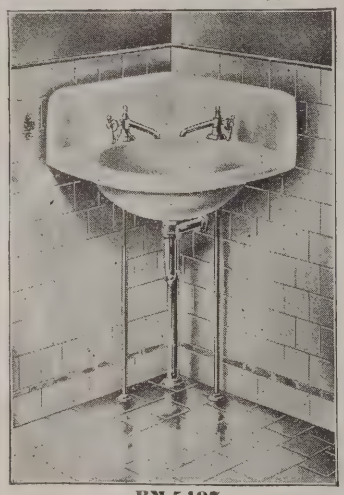
BM 5488—Italian Marble, with 14 in. round basin, complete..... **$13.80**

BM 5489—Italian Marble, with 14x17 in. oval basin, complete..... **$14.60**

BM 5490—Tennessee Marble, with 14 in. round basin, complete..... **$13.05**

BM 5491—Tennessee Marble, with 14 x17 in. oval basin, complete... **$13.87**

Enamel Iron Lavatory.



BM 5497

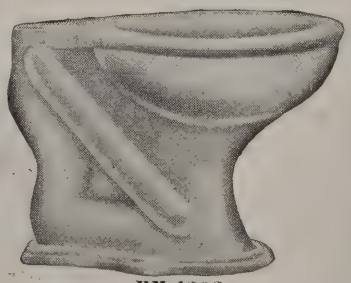
BM 5497—One piece white enameled lavatory. Length on side, 20½ in. Height of back, 6 in. Oval bowl, size 11x14 in., patent overflow. Nickel plated trap and waste to floor, with vent to wall. Two nickel plated Fuller basin cocks. Two nickel plated supply pipes, plug and chain, complete as illustrated. Enameled inside, painted outside. Price **$10.92**

Washout Bowl.
With Seat Attachment.

BM 5301

BM 5301—Bowl for plain washout water closets. First quality goods with seat attachment and flush spud. Price **$4.15**

Syphon Jet Bowls.



BM 4303

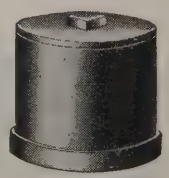
BM 5303 — Syphon Jet Bowls, Bowl for Syphon Jet Closets. Strictly A quality. Price..... **$8.95**

Syphon Wash Down Bowls.

BM 5302

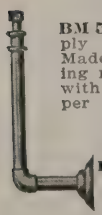
BM 5302—Bowl for Syphon Wash Down Closets. First quality goods. Complete with seat attachment and 2 inch flush spud..... **$5.10**

Clean Out Plugs.



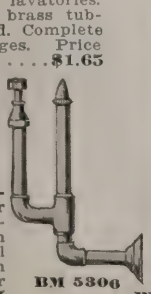
BM 5304—Clean Out Plubs. Iron ferrule with removable brass cover.
Size 2 inches. Price..... **20c**
Size 4 inches. Price..... **40c**

Nickel Plated Trimmings for Lavatories.



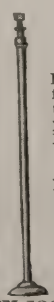
BM 5305

BM 5305—Plain wall supply pipes for lavatories. Made of heavy brass tubing nickel plated. Complete with wall flanges. Price per pair..... **$1.65**



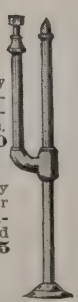
BM 5306

BM 5306—Wall supply pipes with air chamber. Made of extra heavy ⅜-inch brass tubing nickel plated. Complete with wall flanges. Price per pair **$2.75**



BM 5307

BM 5307—Extra heavy floor supply pipes for lavatories, size ⅜ inch. Complete with floor flanges. Price per pair..... **$1.20**



BM 5308

BM 5308—Floor supply pipes with air chamber for lavatory use. Comes complete with nickel plated floor flanges. Per pair **$2.15**

Closet Tanks.

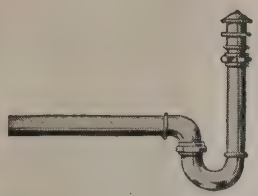
BM 5314

BM 5314—High flush-tanks for Water Closets. Made of solid oak, lined with copper and supplied with float valve, flush and supply union connections, chain and pull. Price..... **$3.60**

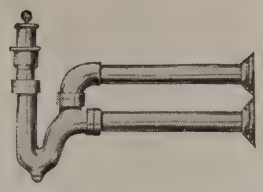
BM 5315—Low tank for water closet. The low type of closet is the modern closet and the flush tank we offer for this use is the best of its kind. Made of solid oak with oak cover for tank. Has the latest type of flush valve operated by push. Complete with flush and supply pipes. Nicely finished. Price..... **$6.70**

BM 5315

In ordering BM 5315 state if for Wash Down or Syphon Jet Closet.



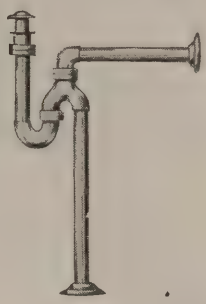
BM 5309—Plain P trap without vent. Complete with slip joint and flange for wall. Price each.....**$1.60**

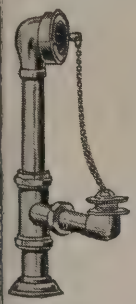


BM 5310—Nickel plated P trap with vent. Comes complete with slip joints and also with flanges for wall. Price each.....**$1.85**

BM 5311—Plain S trap without vent. Complete with slip joint and floor flange. Price each.....**$1.70**

BM 5312—Nickel plated S trap with vent. Complete with slip joint and flanges for floor and wall. Price each.....**$1.95**





BM 5313—Nickel plated combined waste and overflow for bath tubs. Made of brass, nickel plated. Comes complete with slip joint connections and with floor flange. Price **$1.50**

BM 5320

BM 5320—Nickel plated offset bath supply pipes, made of ½ inch brass tubing, nickel plated. Complete with flanges for floor. Price per pair, **$1.55**

Offset Flush and Supply Pipes.

BM 5319—Nickel plated offset flush and supply pipes for high tank water closets.
Size 1¼ inch flush pipes.
Price each.....**$1.30**
Size ⅝ inch supply pipes. Price each ..... .95

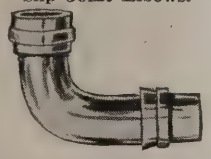
Closet Seats.

BM 5316—Solid Oak Closet Seats with cover. Finished in golden oak and furnished with solid brass nickel plated offset hinges. Price.....**$1.70**

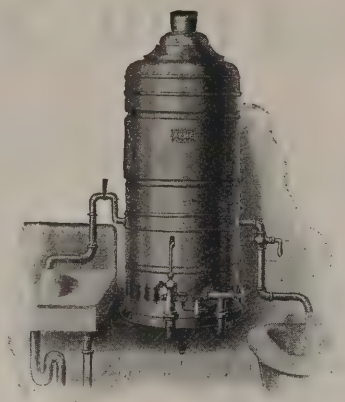
Compression Sill Cocks.

BM 5317—Compression Sill Cocks. Placed on the outside of the building for attaching hose for lawn sprinkling. Made of brass. Size ¾ inch. Price each, nickel plated.....**$0.82**

Slip Joint Elbows.



BM 5318—Size 1¼ inch. Price **$0.32**



BM 5321

Windsor Instantaneous Water Heaters

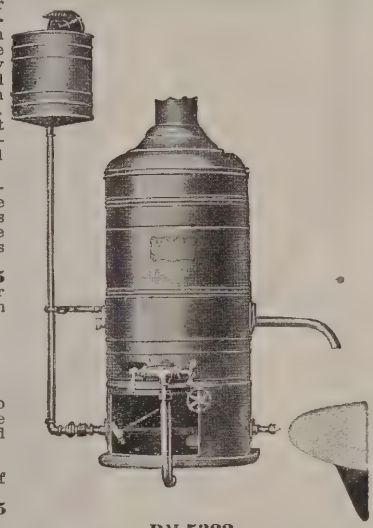
Used with Gas.

Do you desire an apparatus in your home, office or club room, that will furnish you an inexhaustible supply of hot water, any moment, day or night, at the least possible expense? The Windsor heater is an ornament in any bathroom and is indispensable, once installed. Independent of any boiler, the Windsor heats water instantly, and not the room. Any child can operate them. Turn on the pilot light, strike a match, turn on the gas, thus turning on the water automatically, hot water will flow instantly. Can be regulated to any temperature. Each heater is equipped with adjustable burner for any pressure or any kind of gas. The heaters will operate entirely satisfactory with any kind of water, hard or soft. They are constructed of the best grade of cold drawn polished copper, highly nickel-plated and will last a lifetime.

The automatic safety lock prevents any possible accident. The water pressure regulator regulates any pressure. No home is complete without a Windsor Instantaneous Water Heater.

BM 5321—Price **$18.45**

It is necessary that each Heater should be connected with Vent Pipe terminating outside of the Bath Room in which the Heater is connected.



BM 5322

Windsor Instantaneous Water Heater.
Used with Gasoline.
Recommended for Bath and Lavatory Use.

Heater can be connected direct with city water works. If there are no water works it can be supplied from tank above Heater. The Heater can be changed to burn gas instead of gasoline. Necessary parts will be furnished when ordered.

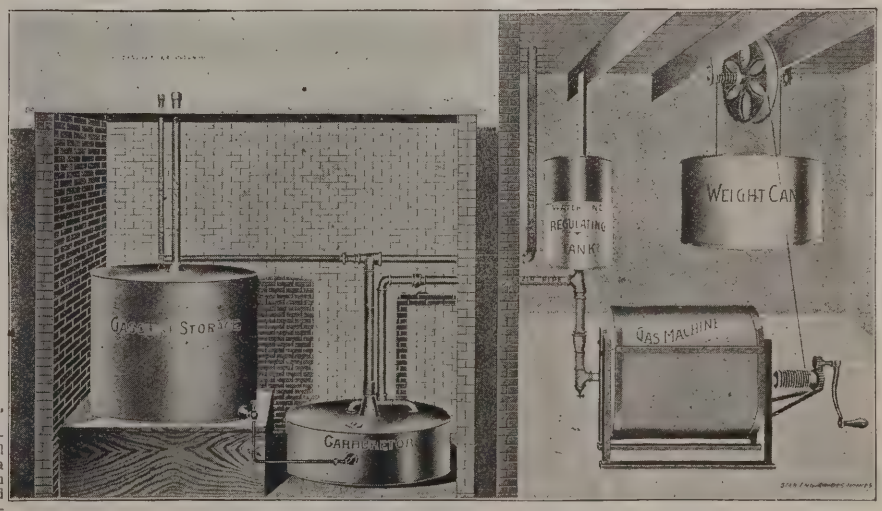
Dimensions.—Diameter 12 inches; height 28 inches.

Capacity.—Will heat 1½ to 2 gallons per minute to a temperature of 100 degrees Fahrenheit.

BM 5322—Price **$23.75**

Gas Lighting Plants

Windsor Gas Machines



Method of Installing Windsor Lighting Plants.

Do you want an ideal lighting plant for your home? If so, install one of our gasoline gas machines.

We are now able to furnish our patrons with a reliable gasoline lighting plant at a reasonable price. The system we sell is endorsed by insurance underwriters as all gasoline is in a pit at rear of building, making it impossible for an explosion to occur. This machine is simple in construction, strong and substantially built, requires no repairs and will last an ordinary lifetime.

The Light of Today.

Make your home modern, healthy and beautiful by installing one of our gas plants. Its cost is small and every day it is in operation it will save you money in reduced light bills at the same time giving you a much superior light. We are offering our patrons the most economical, convenient, safe and satisfactory private gas plant on the market. The gas is always ready for the match. No noise. No odor. No danger. A light when wanted, either 4 a. m. or 4 p. m.

With our system the gas pressure remains the same at the fixture whether one light is burning or any number up to the capacity of the machine. By referring to the illustration you will note that we have a weight pressure, that furnishes air from the blower to the carburetor. The air passes through the gasoline in small particles, which gives it an even grade of gas at the burner. So it makes no difference whether there is one light burning, or many, the pressure is always the same.

We have a patented carburetor and foot valve, which allows us to do away with all mixers, and other complicated apparatus. We can, therefore, furnish a machine for less money and can guarantee it to give better results than plants that cost twice as much.

Guarantee.

We ship all of our machines under a guarantee agreeing to replace any material that proves defective and to refund the money if the plants are not as represented and do not give the results we claim for them.

For the Country Home.

Ous system is perfectly practical for the country as well as the city home. Heretofore, a country residence could be equipped in a modern way with heating and plumbing, but occupants were compelled to use oil lamps for lighting purposes. We now offer a modern lighting plant that will cost less to maintain than oil lamps, and when same is installed you do away with the daily task of filling and trimming a number of lamps.

Why not have a modern lighting system in your house when it not only furnishes better illumination but actually saves you money every day it is in use.

Absolutely Safe.

Insurance companies charge no extra rate for insuring a house equipped with our systems.

Prices.

Prices of our gasoline gas machines are as follows:

BM 5802—20 light machine. Price.....**$105.00**

BM 5804—30 light machine. Price.....**$115.00**

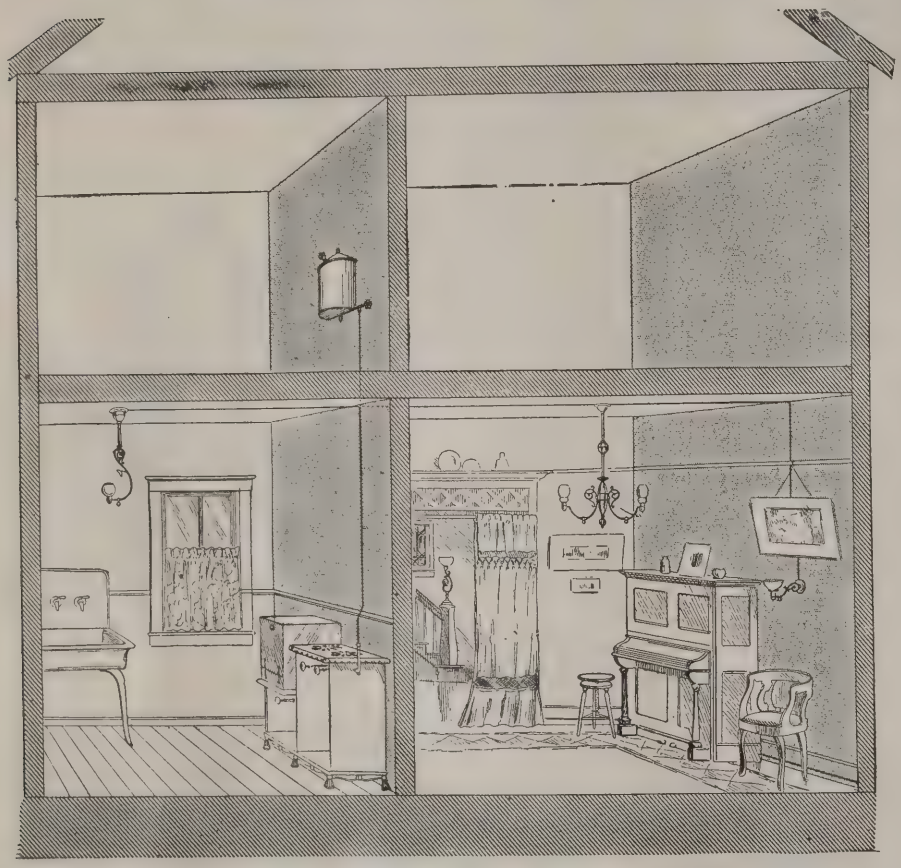
BM 5806—40 light machine. Price.....**125.00**

We list above three sizes mostly used in residence lighting. We can, however, furnish larger machines with capacities as follows: 50, 75, 100, 200, 300, 500, 1,000 lights. We will be pleased to quote prices on any of these sizes upon request.

Complete Outfit.

In another part of this catalogue you will find listed a complete line of gas fixtures, pipe, fittings, etc., such as are required in a lighting outfit. We would be pleased to make special estimates on a complete lighting plant for your house upon receipt of plans showing size and location of rooms, height of ceilings, height of basement and location and number of lights for each room. Upon receipt of this information we will make you our lowest net price on an outfit delivered at your station.

Lakeside Lighting System



Method of Installing Lakeside Lighting System.

BM 5810

There in a growing demand for a modern system of lighting at a moderate price for country homes and for residences so situated that neither gas nor electricity is available. This demand has been fully met in the production of the "Lakeside Lighting System."

The "Lakeside System" is very simple in construction and is as easy to operate as city gas. The gasoline is contained in a brass reservoir which is placed in a room above the rooms to be lighted. The gasoline is conveyed to the various chandeliers by means of a hollow drawn brass wire one-eighth of an inch in diameter. This wire is very strong, each piece being tested to a pressure of two thousand pounds. The wire is so flexible that it can be rolled into coils one inch in diameter, without breaking.

The System is very easily installed and does not even require the services of a skilled mechanic. If proper measurements are sent to us, the System is made up at the factory so that it exactly fits the place for which it is intended. Each part is marked to correspond with measurements sent us so that there can be no mistake in putting the right part in the right place.

The wire tubing is so small that it can be stretched on the ceiling so that it is scarcely noticeable. This is the best way to install the System, for then every part is accessible if repairs are necessary. It can, however, be concealed so that it is not visible at all. If a new house is being built, this wire can be buried in the plaster, or if a house is being repapered, a shallow groove can be cut into the plaster and then the paper can be placed over the groove into which the tubing is laid. We recommend leaving the tubing in sight.

In order to get the wire tubing as taut as possible, the tubing should be assembled before the flanges are fastened to the ceiling. The unions should be left unscrewed as far as possible, and after the wires are stretched as tightly as possible the flanges should be fastened to the ceiling, and then the unions can be tightened up. This will draw the wire into line and make a neat job.

In taking measurements for the System the point at which the tank is to be located should first be determined. Taking the measurements then is a simple matter. If the gravity tank is used the wire tubing will come through the ceiling directly under the point where the tank is located. Measurements would then be taken from this point. A hole can be bored through the wall close to the ceiling so that the wires can be run in straight lines.

We guarantee every System to be made of the best material and will replace any part that proves defective within two years from the date of installation. We cannot agree to replace parts broken by careless handling, and all parts that are to be replaced must be returned to the factory prepaid before new parts will be sent. Mantles and glassware are not guaranteed. The "Lakeside System" will last a lifetime if used with ordinary care.

Nobody doubts the efficiency of gasoline for lighting. It is not only the cheapest method of lighting but gives good results. The only objection ever offered is that gasoline is dangerous to use. This objection is not well founded, but even admitting that it is, we can prove to you that in the "Lakeside System" every element of danger is eliminated. The gasoline is contained in a brass reservoir which is placed in a room far removed from any fire, or may be placed out of doors. The only objection is thus removed.

We can furnish an outfit for an ordinary 5 room cottage complete as follows:

1 overhead brass gravity tank, capacity 2 gallons.
60 ft. copper tubing.
1 2-light chandelier.
2 1-light chandeliers.
2 1-light brackets.

All the above complete with gas lamps for.....**$26.00**

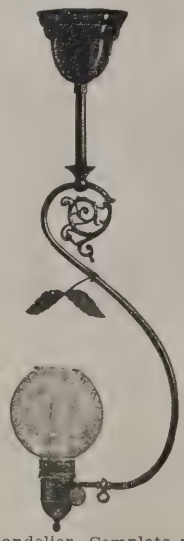
For extra length copper tubing add 4 cents per ft.

Each lamp will give 300 candle power.

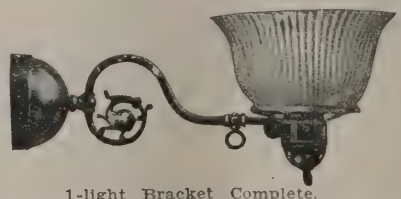
While we do not claim for it the advantages which we do for our Windsor system, still a great many of these plants are sold each season and give excellent results. At the low price at which we offer these outfits, no country or suburban home need be without modern illumination.

The fixtures of the System are made in the most approved styles and are an ornament to any house. The fixtures, when installed, closely resemble gas fixtures.

2-light Chandelier, complete with Gas Lamps.
BM 5812



1-light Chandelier, Complete with Gas Lamps.
BM 5814



1-light Bracket Complete.
BM 5816

Gas, Electric and Combination Fixtures

Gas, Electric and Combination Fixtures.

On the following pages we have listed a line of lighting fixtures which we know will prove satisfactory to our customers. From the cheapest design to the more expensive patterns, quality remains the same—the very best of their respective kinds.

Length.

The length of fixtures is determined by distance between extreme points, including electric lamps. When electric lamp extends below fixture, the length is measured from the top of the fixture to the end of the electric lamp. When sending height of ceiling, measure from end of gas pipe down to the floor. If no gas pipe, measure from ceiling to floor. The length of each fixture listed is given. Shorter fixtures at same price. For fixtures made longer than regular length an additional charge of 30c per foot will be made.

Spread.

The spread of gas fixtures is the distance between gas burners. Spread of electric fixtures is the distance between end of electric lamps.

Finishes.

Fixtures will be shipped in the finish mentioned unless otherwise ordered. We can, however, furnish the following finishing without additional charge: Rich Gilt, Rich Gilt and Satin, Polished Brass, Old Brass, Lemon Brass, Brush Brass, Brush Brass and Black, Polished Antique Brass, Black Iron Finish.

An additional charge of 10 per cent will be made for fixtures in the following finishes: Oxidized Copper, Statuary Bronze, Old Copper, Steel, Blue Damascus Steel, Acid Bronze and Polished Nickel.

An additional charge of 20 per cent will be made for fixtures in the following finishes: Burnished Gilt, Oxidized Silver, Butler's Silver, Bright Silver, Verde Antique, Pompeiian Green.

Where fixtures are wanted to match hardware or other trimmings a sample of the finish must be sent with order.

In comparing our prices with others we wish you to bear the following in mind: All manufacturers of fixtures or dealers handling this line of goods price their designs for the fixtures alone and make an additional charge for all fixture trimming, such as electric sockets, electric shade holders, wiring, insulating joints, glassware, and electric lamps.

At the prices quoted in this Catalogue we furnish the electric fixtures, wired and with electric sockets and electric shade holders. The combination fixtures we furnish wired with insulating joint, gas shade holders, pillars, lava tips, electric sockets and electric shade holders without additional charge. The gas fixtures are furnished with gas shade holders, pillars and lava tips.

We do not include glassware unless mentioned, as this is a matter of personal choice and we do not include electric lamps, as in many towns lamp renewals are furnished without charge by the electric lighting company in that town.

On the following pages we show a line of both gas and electric shades, and if you wish to order electric lamps for your combination or electric fixtures you will find same listed in Electrical Supplies.

As is customary with all fixture houses, our fixtures are not put together or assembled when shipped, as this is usually done by the electrician or gas fitter who hangs the fixture.

We can, however, furnish fixtures complete ready to hang and will be pleased to send prices upon request.

Complete House Outfits.

If you desire a complete line of lighting fixtures for your building, send us a list showing number of fixtures wanted, number of lights on each fixture and the designs desired, giving height of ceiling of room in which each will hang, also state finish and selection of gas and electric shades to trim same.

Also state if electric lamps are wanted and if so give candle power, voltage and base. We will always send Edison base sockets and lamps unless otherwise ordered. Upon receipt of the above information we will be pleased to make you our lowest price and also quote delivered price on the outfit if so desired.

Other firms make a packing charge for boxes, barrels, etc., and do not guarantee safe delivery.

We make no charge for packing and we do guarantee safe delivery.

Gas Fixtures

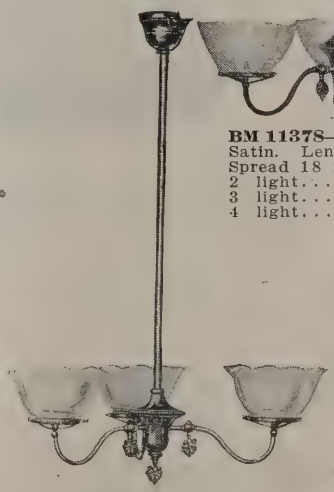
BM 11352—Brushed Brass and Black. Length 36 in. Spread 18 in.
2 light.....$6.25
3 light..... 7.50
4 light..... 8.75

BM 11248—Rich Gilt and Satin. Length 36 inches. Spread 17 in.
2 light.....$3.00
3 light..... 3.75
4 light..... 4.50

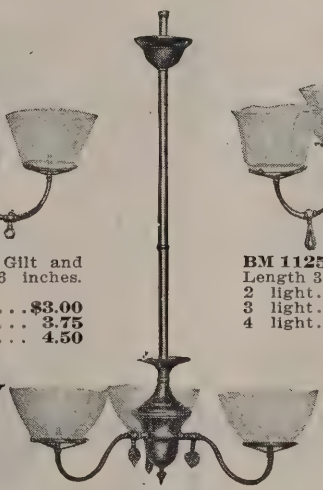
BM 11250—Brushed Brass. Length 36 in. Spread 17 in.
2 light.....$3.75
3 light..... 5.00
4 light..... 6.25

BM 1643—Rich Gilt. Length 36 in. Spread 18 inches.
2 light.....$2.25
3 light..... 3.00
4 light..... 3.75

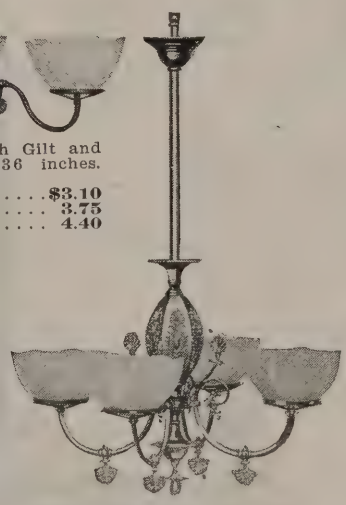
BM 11367—Rich Gilt and Satin. Length 36 inches. Spread 20 in.
2 light.....$3.75
3 light..... 4.75
4 light..... 5.75



BM 12053—Rich Gilt. Length 36 in. Spread 18 inches.
2 light.....$2.10
3 light..... 2.50
4 light..... 2.90



BM 11378—Rich Gilt and Satin. Length 36 inches. Spread 18 in.
2 light.....$3.10
3 light..... 3.75
4 light..... 4.40

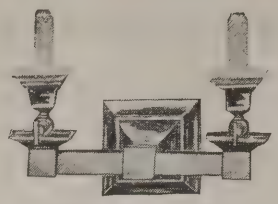


BM 11368—Rich Gilt and Satin. Length 36 inches. Spread 18 in.
2 light.....$ 6.75
3 light..... 8.75
4 light..... 10.75

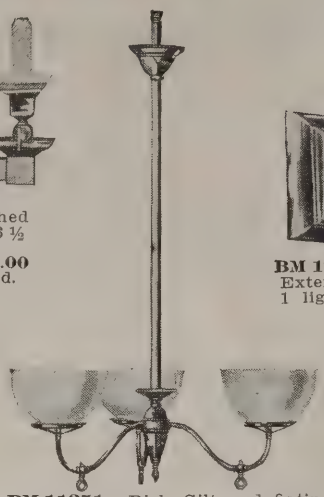
BM 11377—Rich Gilt and Satin. Length 36 inches. Spread 20 in.
2 light.....$ 7.50
3 light..... 8.75
4 light..... 10.00

Glassware not included except where mentioned.

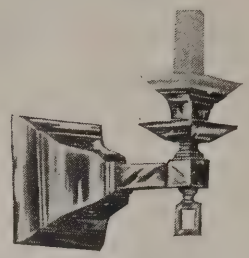
BM 11281—Rich Gilt. Length 36 in. Spread 18 in.
2 light.....**$1.90**
3 light..... **2.50**
4 light..... **3.10**



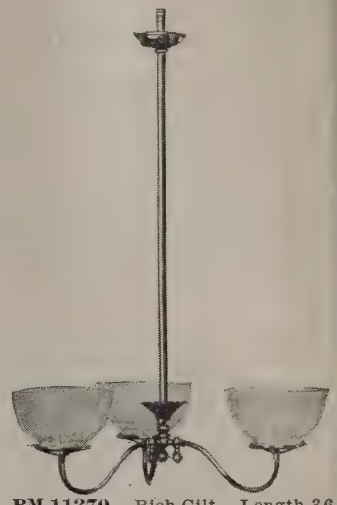
BM 1999— Brushed Brass. Extends 6 ½ in. Spread 8 in.
2 light.....**$4.00**
Candles included.



BM 11251—Rich Gilt and Satin. Length 36 in. Spread 18 in.
2 light.....**$2.50**
3 light..... **3.15**
4 light..... **3.90**

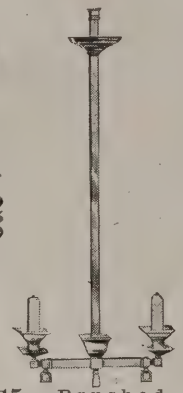


BM 1993—Brushed Brass. Extends 6 ½ in.
1 light.....**$1.90**
Candle included.

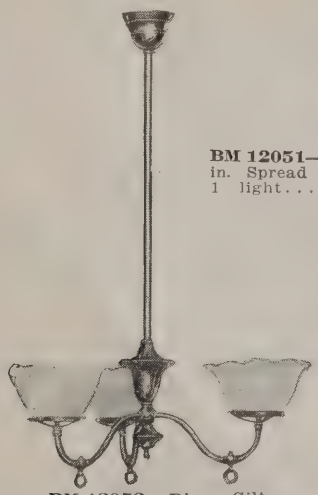


BM 11270—Rich Gilt. Length 36 in. Spread 18 in.
2 light.....**$1.60**
3 light..... **2.05**
4 light..... **2.50**

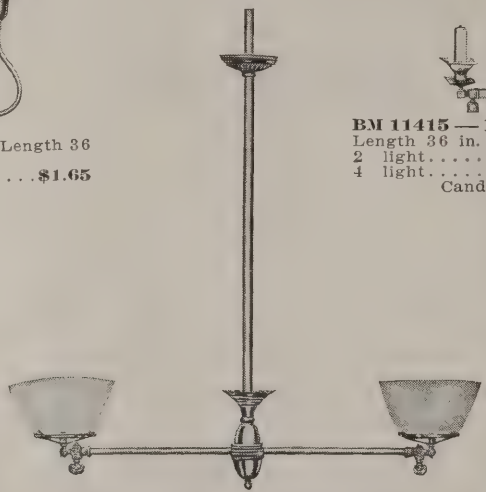
BM 12051—Rich Gilt. Length 36 in. Spread 8 in.
1 light.....**$1.65**



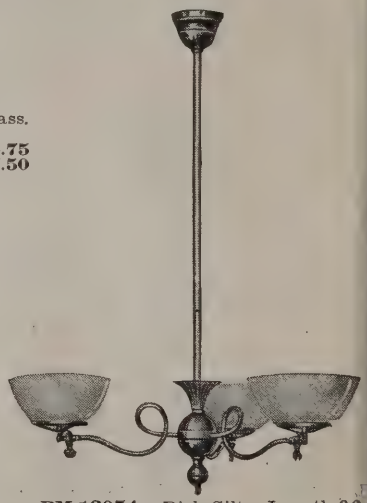
BM 11415 — Brushed Brass. Length 36 in. Spread 12 in.
2 light.....**$4.75**
4 light..... **7.50**
Candles included.



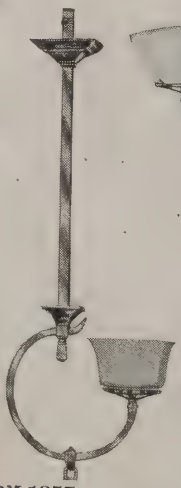
BM 12052—Rich Gilt. Length 36 in. Spread 18 in.
2 light.....**$3.00**
3 light..... **3.60**
4 light..... **4.20**



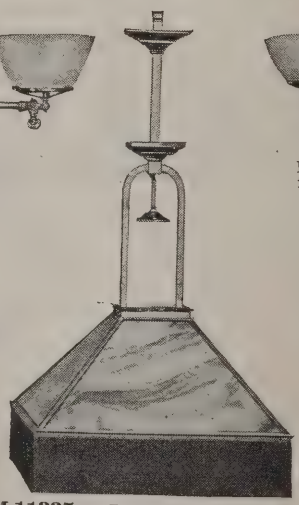
BM 1199—Rich Gilt. Length 36 in. Spread 24 in.
2 light.....**$1.90**
4 light..... **3.00**



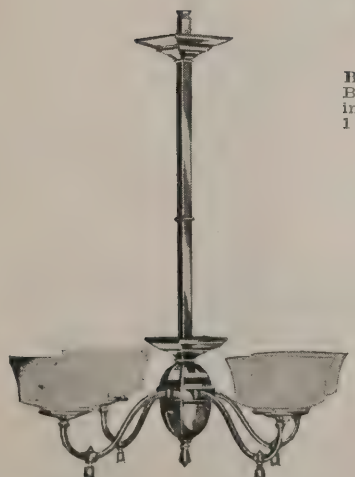
BM 12054—Rich Gilt. Length 36 in. Spread 20 ½ in.
2 light.....**$2.25**
3 light..... **2.75**
4 light..... **3.25**



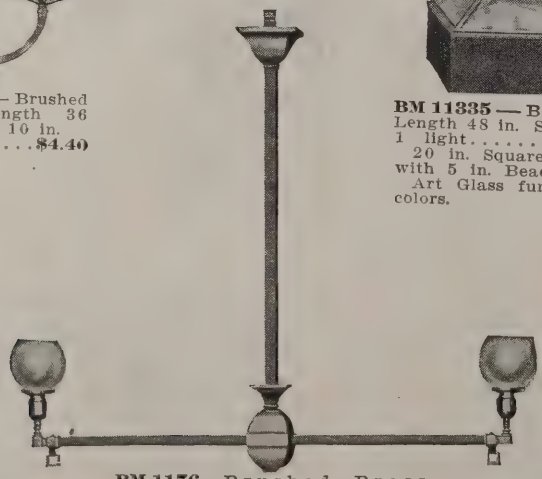
BM 1257— Brushed Brass. Length 36 in. Spread 10 in.
1 light.....**$4.40**



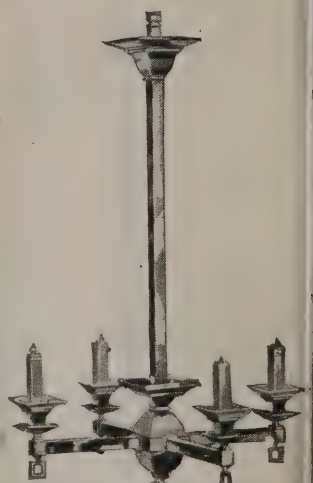
BM 11335 — Brushed Brass. Length 48 in. Spread 20 in.
1 light.....**$13.75**
20 in. Square Art Glass Shade with 5 in. Bead Fringe included. Art Glass furnished in various colors.



BM 11333—Brushed Brass. Length 36 in. Spread 22 in.
2 light.....**$ 7.00**
4 light..... **10.50**
Globes not included.



BM 1176—Brushed Brass. Length 36 in. Spread 36 in.
2 light.....**$4.50**
4 light..... **7.00**
Socket Gas Burner Style B complete, $1.25 each Extra, Electric Effect.



BM 11328— Brushed Brass. Length 36 in. Spread 20 inches.
2 light.....**$ 7.00**
4 light..... **10.75**
Candles included.

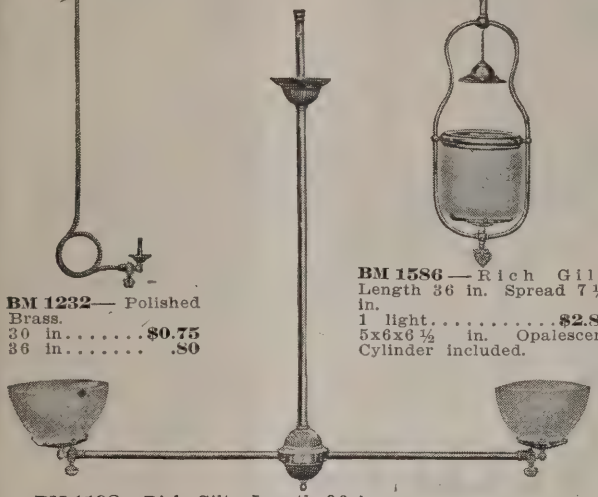
BM 1232— Polished Brass.
30 in.....**$0.75**
36 in..... .80

BM 1586 — Rich Gilt. Length 36 in. Spread 7½ in.
1 light.....**$2.80**
5x6x6½ in. Opalescent Cylinder included.

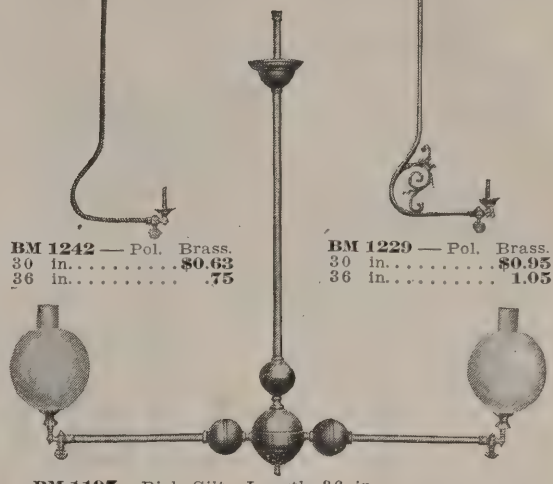
BM 11275—Rich Gilt. Length 36 in. Spread 18 in.
2 light.....**$1.10**
3 light..... **1.60**
4 light..... **2.10**
Globe Holders not included.

BM 1242 — Pol. Brass.
30 in.....**$0.63**
36 in..... .75

BM 1229 — Pol. Brass.
30 in.....**$0.95**
36 in..... **1.05**



BM 1198—Rich Gilt. Length 36 in.
2 light, 36 in. spread.**$1.90** 4 light, 36 in. spread. **3.30**

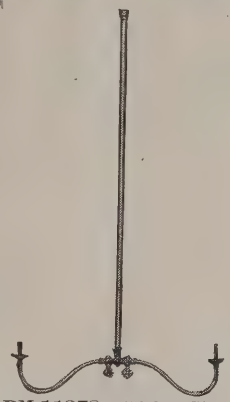


BM 1197—Rich Gilt. Length 36 in.
2 light, 36 in. spread.**$3.00** 4 light, 36 in. spread. **4.50**
2 light, 48 in. spread. **3.30** 4 light, 48 in. spread. **5.50**

BM 1578 — Rich Gilt. Length 30 in. Spread 9½ in.
1 light.....**$1.65**
5 x 6 x 6½ in. W. A. Cylinder included.

BM 1582 — Rich Gilt. Length 36 in. Spread 9 inches.
1 light.....**$3.10**
Including 5x7x8 in. Opalescent Cylinder.

BM 1228— Polished Brass.
30 in.....**$0.50**
36 in..... .60



BM 1127S—Rich Gilt. Length 36 in. Spread 18 in.
2 light.....**$0.90**
3 light..... **1.35**
4 light..... **1.80**
Globe Holders not included.

BM 1238— Polished Brass. Hexagon.
30 in.....**$1.10**
36 in..... **1.20**

BM 1579 — Rich Gilt. Length 30 in. Spread 12 in.
1 light.....**$1.40**
Globe not included.

BM 1236— Polished Brass.
30 in.....**$1.55**
36 in..... **1.65**

Gas Portables

Each complete. Portable. Includes 6 ft. Mohair Tubing, Stork Neck and Socket. No. 34 Welsbach Burner, Chimney, Mantle Shades, etc., as shown.

BM 1748 — Brushed Brass. Extreme height, 22 in. Stand only.**$2.50**
Complete, 10 in. Red Shade, Bead Fringe.
Price **$6.00**

BM 1751 — Brushed Brass. Extreme height, 23 in. Stand only.**$3.50**
Complete, 10 in. Decorated Shade....**$7.25**

BM 1749—Old Brass. Extreme height, 21 in. Stand only **$1.50**
Complete, 10 in. Green Shade **$3.60**

BM 1750—Old Brass. Extreme height, 20 in. Stand only **$2.85**
Complete, 10 in. Green Shade **$4.85**

BM 1743 — Brushed Brass. Extreme height, 22 in. Stand only.**$2.25**
Complete, 10 in. Decorated Shade **$6.00**

BM 1712—Rich Gilt. Extreme height, 20 in. Stand only **$0.75**
Complete, 10 in. Green Shades **$2.80**

Gas Brackets

BM 1851—Gilt. Stiff Curved Bracket. Extends 7 in.....**$0.30**

BM 1852 — Gilt 1 Swing Bracket. Extends 11 in. **$0.32**

BM 1853 — Gilt. 2 Swing Bracket. Extends 20 in.....**$0.50**

BM 1854 — Gilt. 3 Swing Bracket. Extends 28 in. **$0.70**

BM 1859—P. Brass. 1 Swing Bracket. Extends 11½ in. **$0.55**

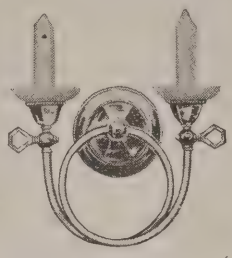
BM 1860—P. Brass 2 Swing Bracket. Extends 21 in. **$0.80**

BM 1863—P. Brass. 1 Swing Bracket. Extends 11½ in. **$0.75**

BM 1864—P. Brass. 2 Swing Bracket. Extends 21 in. **$1.05**

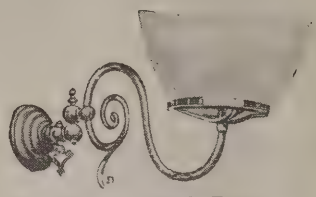
BM 1902—P. Brass. 3 Swing Bracket. Extends 30 in. **$1.30**

BM 1861—P. Brass. 3 Swing Bracket. Extends 30 in. **$1.05**



BM 1967—Brushed Brass. Extends 7 in. Spread 6 in. 2 light **$2.35**
Candles included.

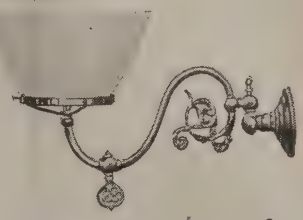
Gas Newel.
BM 1436 — Brushed Brass. Height 24 in. Base 4½ in. 1 light..... **$4.70**



BM 1972—Brushed Brass. Extends 11 in. 1 swing **$1.90**

BM 1973—Rich Gilt and Satin. Extends 6½ in. 1 light **$1.25**

BM 1916—Rich Gilt and Satin. Extends 7 in. 1 light **$0.80**



BM 1974—Rich Gilt and Satin. Extends 10 in. 1 swing **$1.75**

Glassware not included except where mentioned.

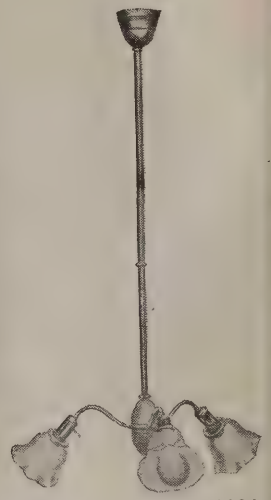
Electric Fixtures

Glassware not included except where mentioned. Electric lamps not included.

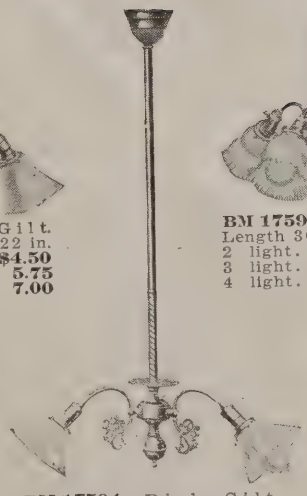
BM 17588—Rich Gilt.
Length 36 in. Spread 22 in.
2 light..... **$4.50**
3 light..... **5.75**
4 light..... **7.00**

BM 17591 — Rich Gilt.
Length 36 in. Spread 24 in.
2 light..... **$3.50**
3 light..... **4.50**
4 light..... **5.50**

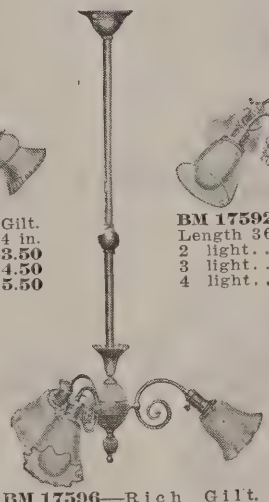
BM 17592—Rich Gilt.
Length 36 in. Spread 24 in.
2 light..... **$3.25**
3 light..... **4.25**
4 light..... **5.25**



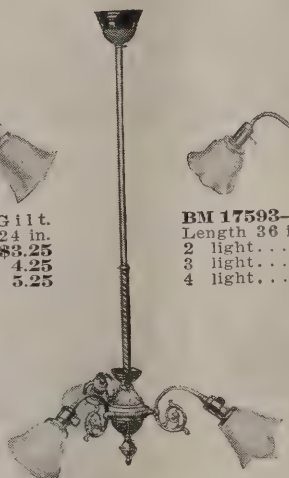
BM 17593—Rich Gilt.
Length 36 in. Spread 24 in.
2 light..... **$2.50**
3 light..... **3.15**
4 light..... **3.80**



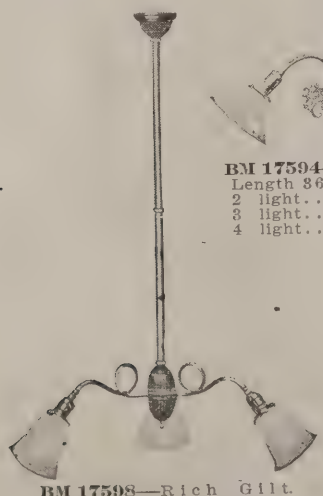
BM 17594—Rich Gilt.
Length 36 in. Spread 23 in.
2 light..... **$4.00**
3 light..... **5.00**
4 light..... **6.00**



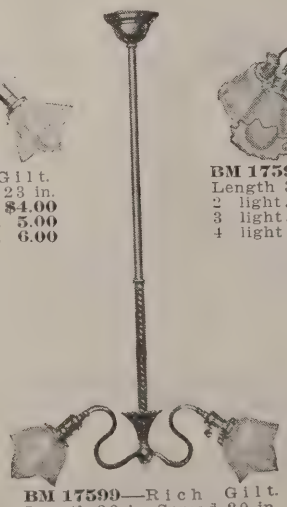
BM 17596—Rich Gilt.
Length 36 in. Spread 24 in.
2 light..... **$3.75**
3 light..... **5.00**
4 light..... **6.25**



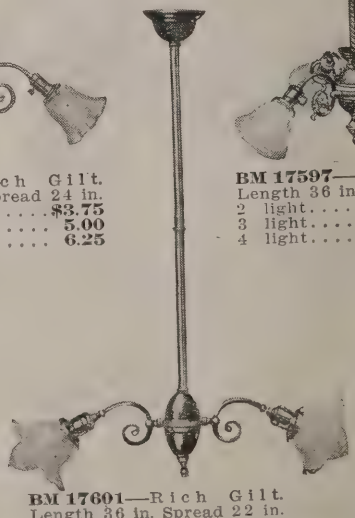
BM 17597—Rich Gilt.
Length 36 in. Spread 24 in.
2 light..... **$3.50**
3 light..... **4.50**
4 light..... **5.50**



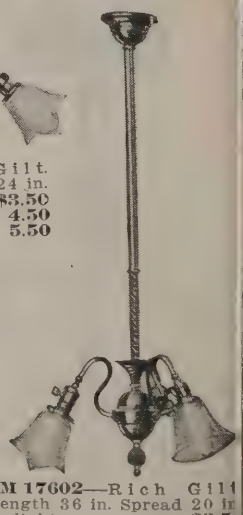
BM 17598—Rich Gilt.
Length 36 in. Spread 26 in.
2 light..... **$3.25**
3 light..... **4.25**
4 light..... **5.25**



BM 17599—Rich Gilt.
Length 36 in. Spread 20 in.
2 light..... **$2.80**
3 light..... **3.60**
4 light..... **4.40**

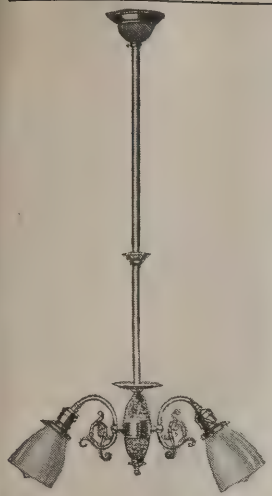


BM 17601—Rich Gilt.
Length 36 in. Spread 22 in.
2 light..... **$3.75**
3 light..... **4.85**
4 light..... **5.95**



BM 17602—Rich Gilt
Length 36 in. Spread 20 in
2 light..... **$3.5**
3 light..... **4.5**
4 light..... **5.5**

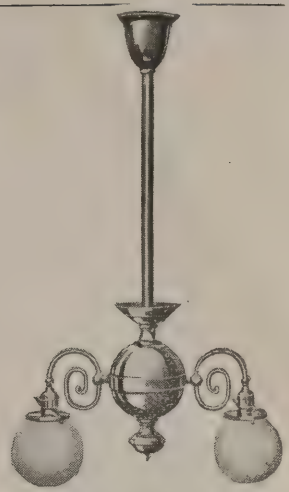
Glassware not included except where mentioned. Electric lamps not included.



BM 17624—Rich Gilt.
Length 36 in. Spread
20 in. 2 light...**$5.40**
3 light..... **6.60**
4 light..... **7.80**

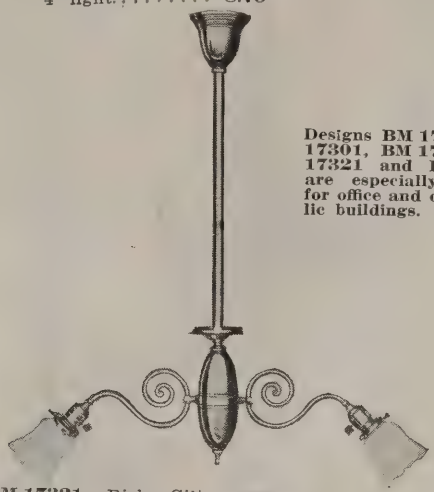
BM 17301—Rich Gilt.
Length 36 in. Spread
34 in. 2 light...**$6.25**
3 light..... **7.50**
4 light..... **8.75**

BM 17302—Rich Gilt.
Length 36 in. Spread
30 in. 2 light...**$5.00**
3 light..... **6.00**
4 light..... **7.00**



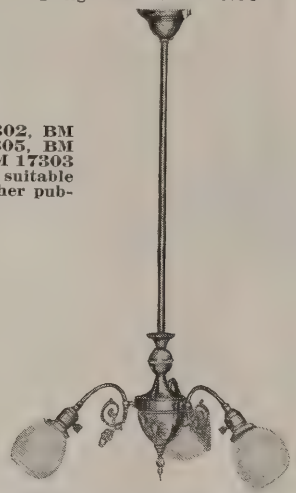
BM 17303—Rich Gilt.
Length 36 in. Spread
16 in. 2 light...**$6.25**
3 light..... **8.00**
4 light..... **9.75**

BM 17305—Rich Gilt.
Length 36 in. Spread
28 in. 2 light...**$6.50**
3 light..... **8.25**
4 light..... **9.75**



BM 17321—Rich Gilt.
Length 36 in. Spread
30 in. 2 light..**$ 6.25**
3 light..... **8.25**
4 light..... **10.25**

Designs BM 17302, BM 17301, BM 17305, BM 17321 and BM 17303 are especially suitable for office and other public buildings.

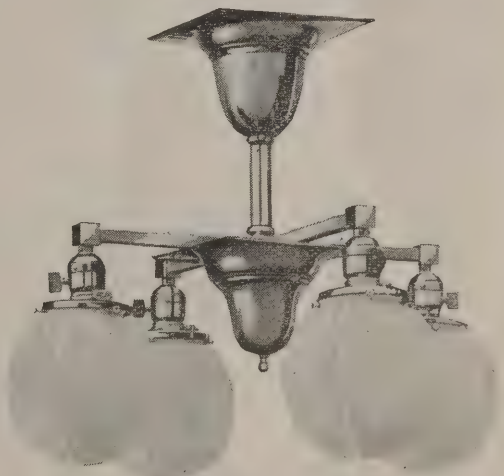


BM 17704 — Rich Gilt and Satin.
Length 36 in. Spread
19 in. 2 light.**$8.25**
3 light.....**10.25**
4 light.....**12.25**

BM 17754 — Rich Gilt and Satin.
Length 36 in. Spread
22 in. 2 light.**$6.25**
3 light..... **8.25**
4 light.....**10.25**

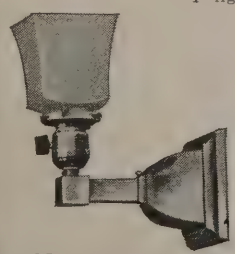
BM 17702 — Rich Gilt and Satin.
Length 36 in. Spread
20 in. 2 light.**$7.50**
3 light..... **9.50**
4 light.....**11.50**

BM 17756 — Rich Gilt and Satin.
Length 36 in. Spread
24 in. 2 light.**$4.50**
3 light..... **5.50**
4 light..... **6.50**

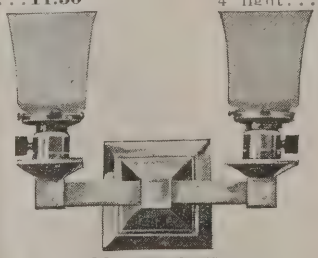


BM 11273 — Brush Brass Ceiling Cluster. Length 20 in. Spread 16 in.
4 light.....**$11.75**
8-in. Opalescent Balls included.

BM 17756½—Rich Gilt and Satin.
Length 36 in. Spread
24 in. 3 light.**$6.00**
4 light..... **7.00**
5 light..... **8.00**
Includes lower dome shade.



BM 1281—Brush Brass.
Extends 6½ in.
1 light.....**$2.25**



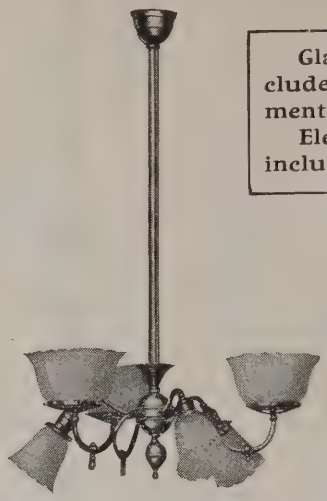
BM 1230—Brush Brass.
Extends 7 in. Spread 8½ in. 2 light.....**$4.50**

Glassware not included except where mentioned. Electric lamps not included.

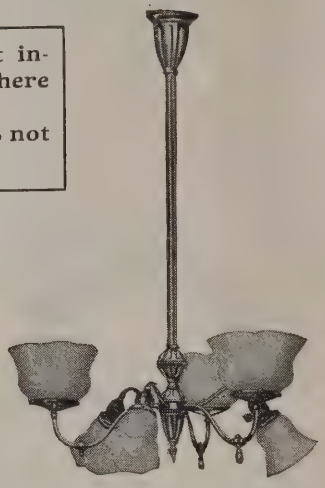
Combination Fixtures

Glassware not included except where mentioned.
Electric Lamps not included.

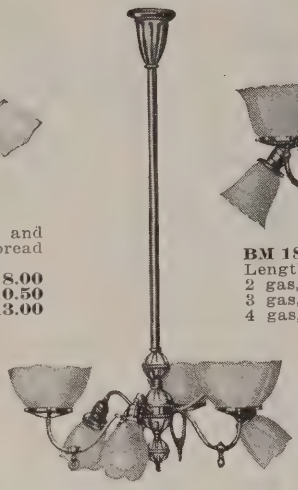
BM 18028—Rich Gilt and Satin. Length 36 in. Spread 20 in.
2 gas, 2 elect. . . . . **$ 8.00**
3 gas, 3 elect. **10.50**
4 gas, 4 elect. **13.00**
Candles included.



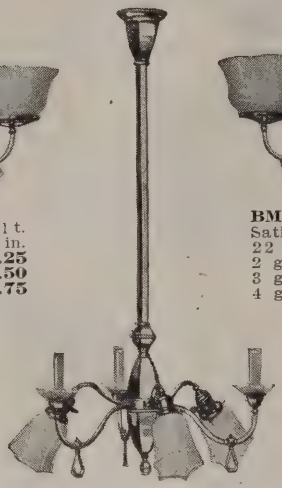
BM 18041—Rich Gilt.
Length 36 in. Spread 21 in.
2 gas, 2 elect. **$4.25**
3 gas, 3 elect. **5.50**
4 gas, 4 elect. **6.75**



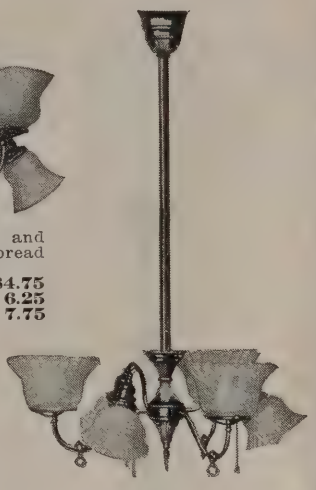
BM 18043—Rich Gilt and Satin. Length 36 in. Spread 22 in.
2 gas, 2 elect. **$4.75**
3 gas, 3 elect. **6.25**
4 gas, 4 elect. **7.75**



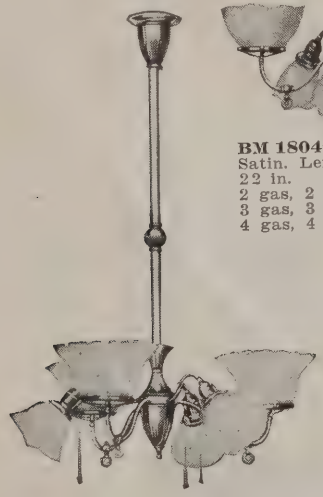
BM 18040—Rich Gilt and Satin. Length 36 in. Spread 22 in.
2 gas, 2 elect. **$5.00**
3 gas, 3 elect. **6.50**
4 gas, 4 elect. **8.00**



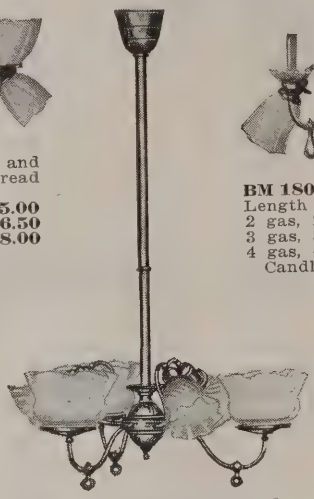
BM 18042—Rich Gilt.
Length 36 in. Spread 22 in.
2 gas, 2 elect. **$6.25**
3 gas, 3 elect. **7.75**
4 gas, 4 elect. **9.25**
Candles included.



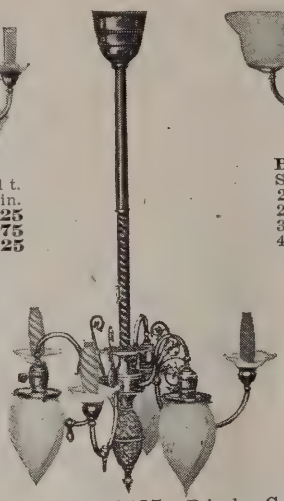
BM 18244—Rich Gilt and Satin. Length 42 in. Spread 24 in.
2 gas, 2 elect. . . . . **$ 8.50**
3 gas, 3 elect. **10.50**
4 gas, 4 elect. **12.50**



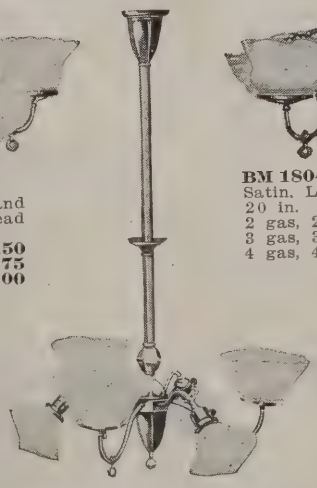
BM 18046—Rich Gilt and Satin. Length 36 in. Spread 21 in.
2 gas, 2 elect. **$5.50**
3 gas, 3 elect. **6.75**
4 gas, 4 elect. **8.00**



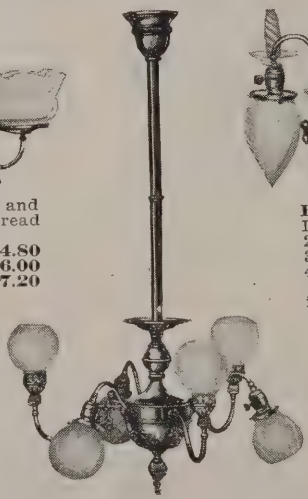
BM 18049—Rich Gilt and Satin. Length 36 in. Spread 20 in.
2 gas, 2 elect. **$4.80**
3 gas, 3 elect. **6.00**
4 gas, 4 elect. **7.20**



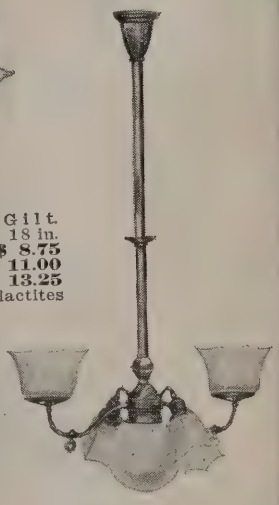
BM 18135—Rich Gilt.
Length 36 in. Spread 18 in.
2 gas, 2 elect. . . . . **$ 8.75**
3 gas, 3 elect. **11.00**
4 gas, 4 elect. **13.25**
Candles and stalactites included.



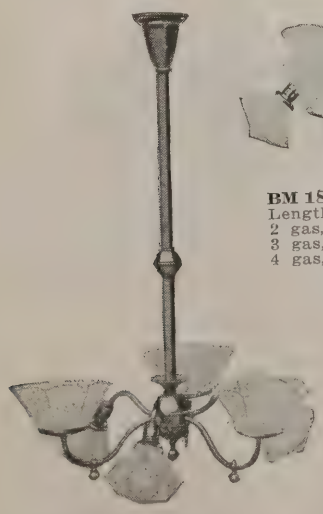
BM 18171—Rich Gilt.
Length 36 in. Spread 18 in.
2 gas, 2 elect. **$5.00**
3 gas, 3 elect. **6.25**
4 gas, 4 elect. **7.50**



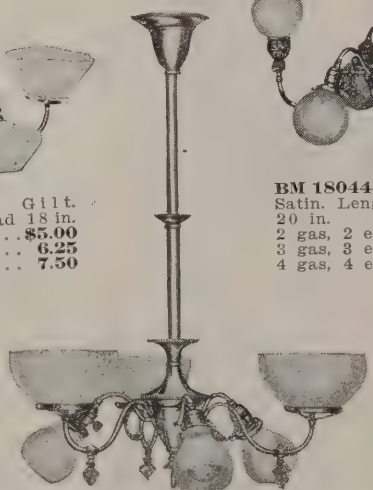
BM 18044—Rich Gilt and Satin. Length 36 in. Spread 20 in.
2 gas, 2 elect. **$5.75**
3 gas, 3 elect. **7.25**
4 gas, 4 elect. **8.75**



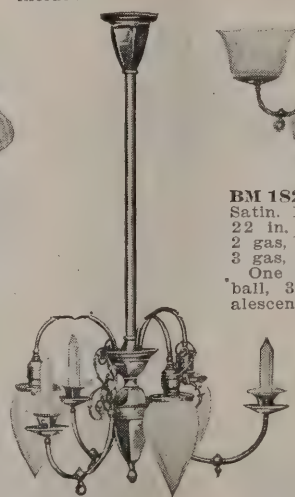
BM 18255—Rich Gilt and Satin. Length 42 in. Spread 22 in.
2 gas, 3 elect. **$6.60**
3 gas, 4 elect. **8.40**
One light electric inside ball, 3¼x8 in. Straw Opalescent Ball included.



BM 18169—Rich Gilt.
Length 36 in. Spread 18 in.
2 gas, 2 elect. **$4.50**
3 gas, 3 elect. **5.75**
4 gas, 4 elect. **7.00**

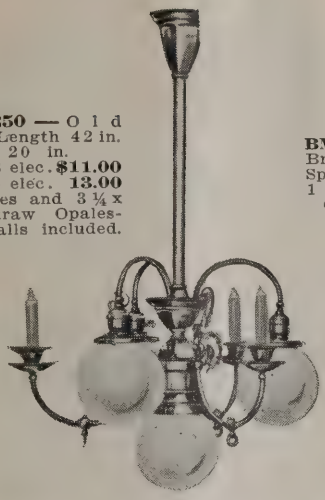


BM 18226—Brushed Brass.
Length 36 in. Spread 20 in.
2 gas, 2 elect. . . . . **$ 9.50**
3 gas, 3 elect. **12.00**
4 gas, 4 elect. **14.50**

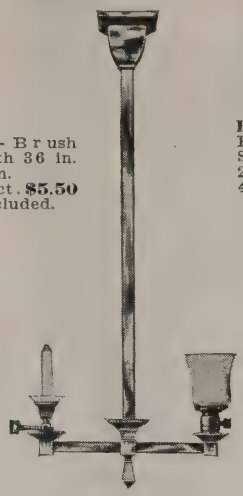


BM 18249—Old Brass.
Length 36 in. Spread 20 in.
2 gas, 2 elect. . . . . **$ 8.75**
3 gas, 3 elect. **11.00**
4 gas, 4 elect. **13.25**
Candles and 3¼x8 in. Straw Opalescent Stalactites included.

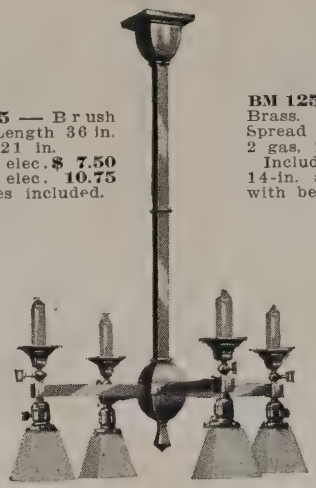
Glassware not included except where mentioned.
Electric lamps not included.



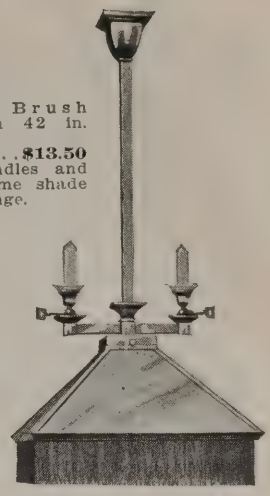
BM 18250 — Old Brass. Length 42 in. Spread 20 in.
2 gas, 3 elec. **$11.00**
3 gas, 4 elec. **13.00**
Candles and 3¼ x 6in. Straw Opalescent Balls included.



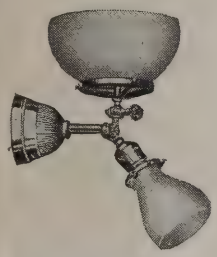
BM 1223 — Brush Brass. Length 36 in. Spread 11 in.
1 gas, 1 elect. **$5.50**
Candle included.



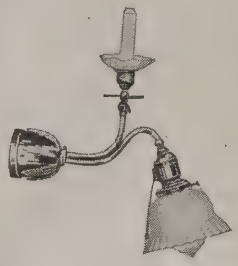
BM 1235 — Brush Brass. Length 36 in. Spread 21 in.
2 gas, 2 elec. **$ 7.50**
4 gas, 4 elec. **10.75**
Candles included.



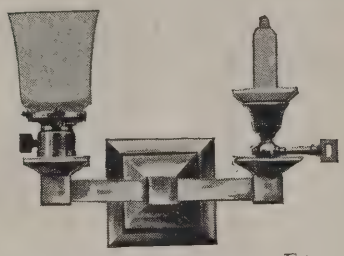
BM 1251 — Brush Brass. Length 42 in. Spread 14 in.
2 gas, 2 elect. . **$13.50**
Includes candles and 14-in. art dome shade with bead fringe.



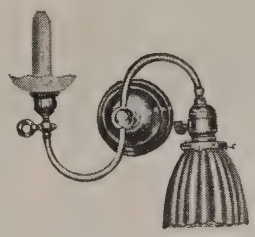
BM 18306— Rich Gilt. Extends 7 in.
1 gas, 1 elect. **$1.25**



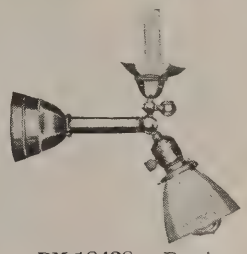
BM 18315—Rich Gilt and Satin. Extends 8 in.
1 gas, 1 elect. **$2.00**
Candle included.



BM 1205—Brush Brass. Extends 7 in. Spread 8½ in.
1 gas, 1 elect. **$4.50**
Candle included.



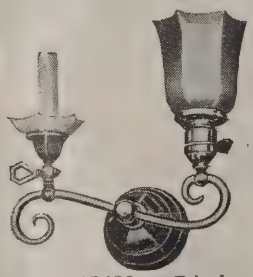
BM 18349 — Rich Gilt. Extends 6 in.
1 gas, 1 elect. **$2.05**



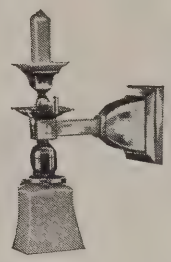
BM 18428— Brushed Brass. Extends 8 in.
1 gas, 1 elect. **$2.00**
Candle included.

We Solicit the Privilege of Submitting Estimates on Special Fixtures for Large Public Buildings, Churches, etc.

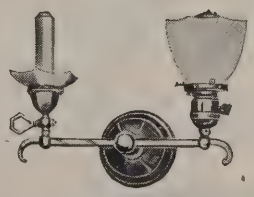
BM 18338 — Rich Gilt. Extends 7 in.
1 gas, 1 elect. **$1.25**



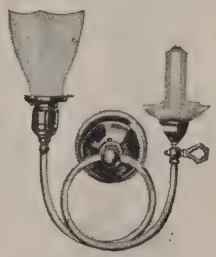
BM 18429 — Rich Gilt. Extends 6 in.
1 gas, 1 elect. **$2.55**
Candle included.



BM 1206½—Brush Brass. Extends 7 in.
1 gas, 1 elect. **$2.75**
Candle included.



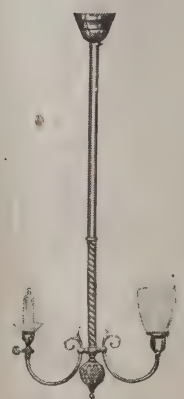
BM 18430 — Rich Gilt. Extends 6 in.
1 gas, 1 elect. **$2.25**
Candle included.



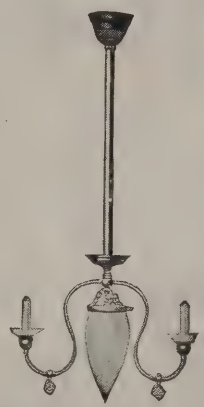
BM 18431 — Brush Brass. Extends 8 in.
1 gas, 1 elect. **$2.35**
Candle included.

Send us Blue Prints and Specifications for Estimate on Special Fixtures.

BM 18809 — Rich Gilt. Length 36 in.
Spread 10 in.
1 gas, 1 elect. **$2.20**



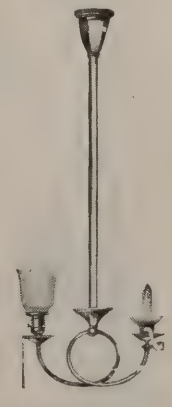
BM 18812 — Rich Gilt. Length 36 in.
Spread 13 in.
1 gas, 1 elect. **$3.75**
Including candle.



BM 18826—Rich Gilt. Length 36 in. Spread 15 in.
2 gas, 1 elect. . . **$6.00**
Includes Candles and Glassware.

BM 18834—Rich Gilt and Satin. Length 36 in. Spread 12 in.
1 gas, 1 elect. . . . **$2.80**
Candle included.

BM 18841— Brushed Brass. Length 36 in. Spread 8 in.
2 gas, 1 elect. **$5.25**
Emergency Gas Lights, 4x8 in. Opalescent Ball included.



BM 18851 — Rich Gilt. Length 36 in. Spread 10 in.
1 gas, 1 elect. **$3.55**
Candle and Pull Socket included.

We will Quote a Delivered Price on a Complete House Lighting Outfit upon Request.

BM 11136 — Brush Brass. Length 42 in. Spread 14 in.
4 light.....**$17.25**
With 14 in. Art Glass shade and fringe. Chain pendant. Suitable for library or dining room.

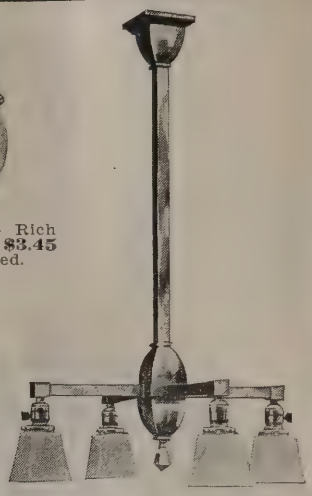
BM 17402 — Rich Gilt. 1 light..**$4.70**
With 6 in. opalescent ball.

BM 17700—Rich Gilt and Satin. Length 36 in. Spread 18 in.
2 light.....**$6.50**
3 light..... **8.00**
4 light..... **9.50**

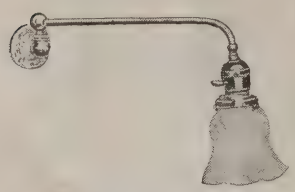
BM 17401— Rich Gilt. 1 light..**$1.25**

BM 11021 — Brush Brass. Length 36 in. Spread 9 in.
2 light.....**$6.25**

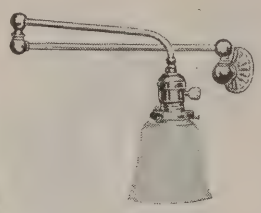
BM 17419 — Rich Gilt. 1 light..**$3.45**
Glass included.



BM 11815—Brush Brass. Length 36 in. Spread 20 in.
2 light.....**$ 8.00**
4 light..... **10.00**



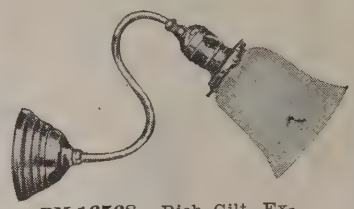
BM 16583—Rich Gilt. Extends 13 in.
One swing.....**$1.10**
BM 16673—Rich Gilt. Same style with hexagonal tubing **$1.25**



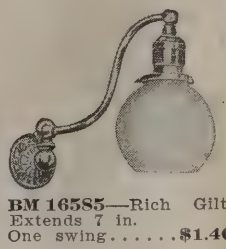
BM 16584—Rich Gilt. Extends 21 in.
Two swing.....**$1.75**
BM 16674—Rich Gilt. Same style with hexagonal tubing **$2.00**

BM 1553 BM 16904 BM 16908 BM 16909

BM 1553—Rich Gilt. Length 39 in. 1 light.....**$1.75**
Including Opalescent Ball.
BM 16904—Rich Gilt. Length 42 in. to end of lamp. 1 light.**$2.50**
BM 16908—Rich Gilt. Length 43 in. to end of lamp. I light **$1.25**
Plain tubing.
BM 16909—Rich Gilt. Length 43 in. to end of lamp. 1 light **$1.55**
Rope Tubing.



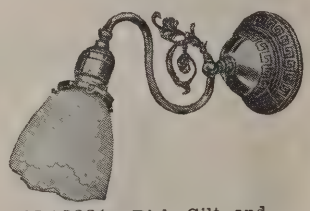
BM 16568—Rich Gilt. Extends 12 in. 1 light.**$0.90**



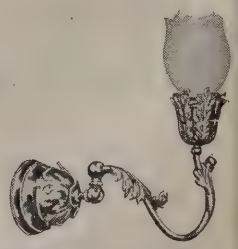
BM 16585—Rich Gilt. Extends 7 in.
One swing.....**$1.40**

BM 16556—Rich Gilt. Extends 5 in.
1 light.....**$0.55**

BM 16569—Rich Gilt. Extends 10 in. 1 light.**$0.85**



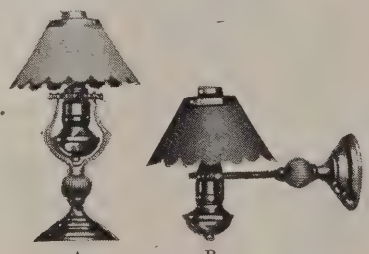
BM 16661—Rich Gilt and Satin. Extends 13 in.
1 light.....**$1.85**



BM 16579—Rich Gilt. Extends 12 in.
One Swing.....**$3.85**

BM 17404 — Rich Gilt. 1 light..**$1.75**
With 8 in. opales cent stalactite.

BM 11743—Brush Brass. Ceiling light.
1 light.....**$1.90**



A B

BM 16882—Rich Gilt. This fixture can be used either as a portable (see A) or as a bracket (See B).
Height to Shade 8 in. Stand only. No shade.....**$1.60**
Complete, 6 ft. Silk Cord, Plug, Socket, Celluloid Shade, ... **$2.70**

BM 16667—Rich Gilt and Satin. Extends 6 in. Spread 7 in. 2 light.....**$3.35**

BM 17403 — Rich Gilt. 1 light..**$2.10**
With 8 in. opalescent ball.

BM 16865 — Rich Gilt. Height 23 in. Raises and lowers. Stand only....**$4.40**
Complete, 10-ft. Silk Cord, Plug, Socket, 3¼-in. Holder, Green Austrian Shade **$6.75**

BM 16863 — Rich Gilt. Height 17 in. Stand only....**$0.80**
Complete 10-ft. Cotton Cord, Plug, Socket, 10-in. Holder, Opal Shade, 10-in. **$1.90**

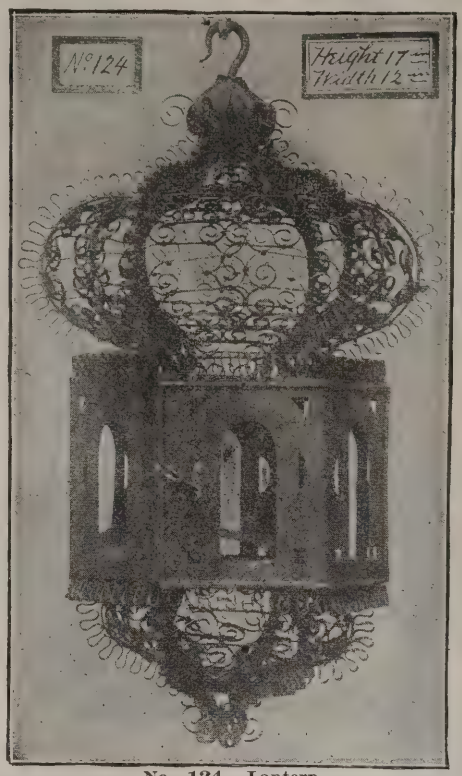
BM 17453 — Brushed Brass. Length 8 in, Spread 20 in.
2 light.....**$4.50**
3 light..... **5.75**

BM 16891 — Rich Gilt. Height 20 in., adjustable. Stand only **$1.25**
Complete, 10-ft. Cotton Cord, Plug, Socket, 2¼ in. Holder 7½ in. Green Flashed Shade **$2.20**

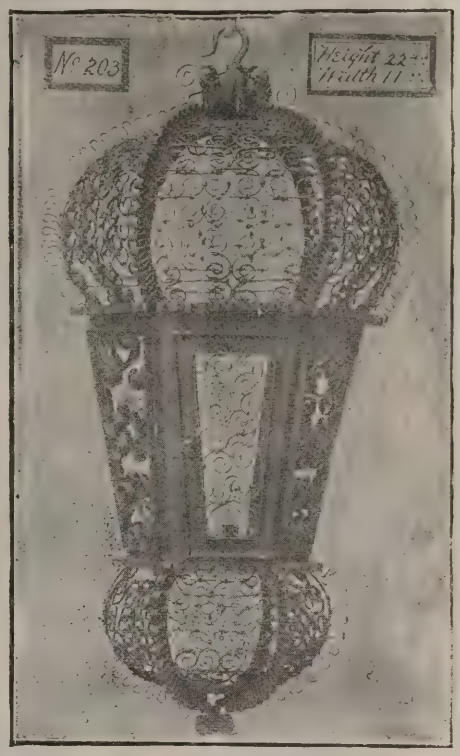
BM 16894—Brushed Brass. Height to shade 16 in. Stand only **$2.80**
Complete, 10-ft. Silk Cord, Plug, Socket, 10-in. Holder, Green Ribbed Shade. 10-in. **$4.4**

Venetian Iron Lanterns for Oriental Rooms, Dens, Halls, Etc.

No. 100—Lantern.
Height, 15½ inches. Width, 6 inches.
No. 100—Oil. Each.....**$2.00**
No. 100-E—Electric. Each.....**2.50**



No. 124—Lantern.
Height, 17 inches. Width, 12 inches.
No. 124—Oil. Each.....**$5.00**
No. 124-E—Electric. Each.....**5.75**
No. 124-G—Gas. Each.....**9.50**



No. 203—Lantern.
Height, 22 inches. Width, 11 inches.
No. 203—Oil. Each.....**$4.70**
No. 203-E—Electric. Each.....**5.30**
No. 203-G—Gas. Each.....**9.40**

The Kearney Universal Electric Portable.

The name "Universal" is applied to the Portable illustrated in this page, because it combines all of the desirable features of any adjustable portable and in addition possesses many features not possessed by any other reading lamp. It is the only strictly adjustable portable on the market, and with it one can place the light just where it is desired, do away with all glare and shadows, and, at the same time, perfectly screen the eyes. The distinctive feature of this portable is that the adjustable arm is "self-maintaining" in any position in which it is placed. There are no screws, bolts or nuts to loosen or tighten. The base of the portable weighs five and one-half pounds; is finely finished in either polished brass or oxidized copper to match the arm, and the bottom is felt covered to prevent marring or injuring a polished surface.

In a word, every detail has been considered to make the portable, first, thoroughly effective; and, second, so that it may be sold at a very moderate price.

Especially suited for the Reading Table, Piano, Pulpit or Roll-Top Desk.

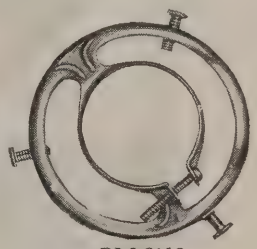
Complete with lamp cord, aluminum half shade, attachment plug and electric socket.

BM **6200**—Price, Polished Brass Finish.....**$2.30**
BM **6201**—Price, Oxidized Copper Finish.....**2.50**

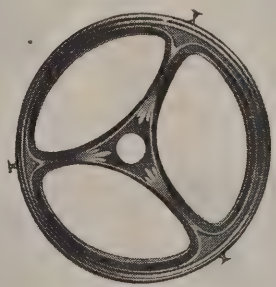
A complete line of High Grade Mechanics' Tools are shown in our General Catalogue.

BM **6100.**
Matchless Self-Lighting Gas Burner.
Price, each....**25c**

BM **6101.**
Electric Shade Holders.
Polished Brass Finish.
2¼ in. Per doz.**36c**
3¼ in. Per doz.**60c**



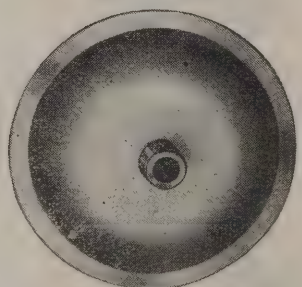
BM 6110



BM 6102

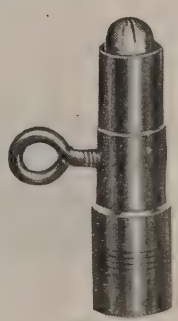
BM **6102.**
Gas Shade Holder.
4-inch.
Polished Brass Finish.
Per dozen.....**42c**

BM **6100.**



BM **6105—Central Draft Lamp Fitting.**
This fitting enables you to convert a central draft oil lamp into a gas or electric lamp at once. Wires or tubing run down through air passage. Burner or Socket fits on threaded end. Fitting presses down into the chimney holder on oil lamp. Price, each..**35c**

BM **6103.**
Lava Gas Tips.
Per dozen.....**5c**



BM **6106.**
Burners for Gasoline Gas.
Price, each.....**26c**

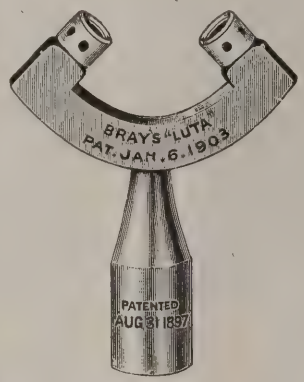
BM **6104.**
Brass Gas Pillars.
Per dozen.....**19c**

BM **6107**—Wax tapers for lighting gas. Per box of 30 tapers.....**5c**

BM **6110**—Mica Canopy for Chimney.
Price, each.....**3c**

BM **6108**—Gas Burner Cleaner. Nickel Plated with wood handle.
Price, each.....**6c**

BM **6112**—Bray's Improved "Elta" Acetylene Gas Burner. This burner can be turned down without carbonizing. Comes in ½, ⅝, ¾, 1, 1¼ ft. sizes. In ordering state size wanted.
Price, each.....**40c**



BM **6113**—Bray's Acetylene Burner "Luta." It can not be turned down like the "Elta," otherwise very satisfactory. Comes in ½, ⅝, ¾, 1, 1¼ ft. sizes. In ordering state size wanted.
Price, each.....**30c**

BM **6109**—Standard Nickel Taper Lighter and Key.
Price, each.....**10c**

BM **6111**—Mica Canopy.
6½-in. Each.....**18c**
8-in. Each.....**25c**

BM **6115**—Mohair Covered Tubing for gas reading lamps, double dip, 6 feet long with brass ends to connect with portable and stork neck.
Price, each.....**36c**

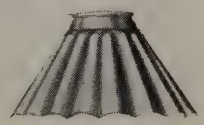
BM **6116**—Stork Neck and Ground Joint for use with portable tubing BM 6115. The ground joint connection does away with the gum socket formerly used for this purpose, and which invariably leaked gas after it had been in use a short time.
Price, each.....**16c**

BM **6117**—Flexible Metallic Gas Tubing. Here is an article you have long wanted. An indestructible tubing for your gas reading lamp. Will last a life time. Will not leak gas. Absolutely fire proof. Light and flexible. Price for 6 ft. length, without stork neck and ground joint.....**$1.25**

BM **6118**—Mica Chimney for Incandescent gas lamps.
6 piece chimney, 8 inches long. Price, each.....**8c**
3 piece chimney, 8 inches long. Price, each.....**12c**

BM **6045.**
White Opal Electric Shade. 6-in.
Per dozen.....**$1.00**

BM **6047.**
White Opal Electric Shade.
8-in. diameter. Per dozen...**$1.30**
10-in. diameter. Per dozen...**1.60**



BM **6049.**
White Opal Electric Shade.
6-in. diameter. Per dozen....**$1.00**

BM **6051.**
Green Flashed Electric Shade.
Per Dozen.....**$5.10**

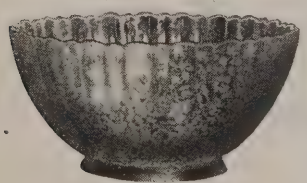
Gas and Electric Shades

BM **6000.**
Crystal Gas Shade.
Per Dozen.....**$2.00**

BM **6001.**
Crystal Electric Shade.
Per Dozen.....**$1.75**

BM **6006.**
Acid Etched Gas Shade.
Per Dozen.....**$2.00**

BM **6007.**
Acid Etched Electric Shade.
Per Dozen.....**$1.85**

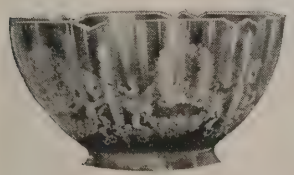


BM **6002.**
Acid Etched Gas Shade.
Per Dozen.....**$3.10**

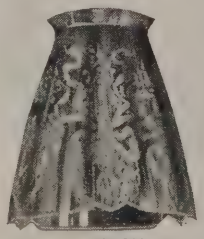
BM **6003.**
Acid Etched Electric Shade.
Per Dozen.....**$2.80**

BM **6008.**
Acid Etched Gas Shade.
Per Dozen.....**$2.75**

BM **6009.**
Acid Etched Electric Shade.
Per Dozen.....**$2.50**



BM **6004.**
Acid Etched Gas Shade.
Per Dozen.....**$3.40**



BM **6005.**
Acid Etched Electric Shade.
Per Dozen.....**$2.80**

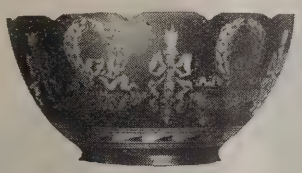
BM **6010.**
Acid Etched Gas Shade.
Per Dozen.....**$2.80**

BM **6011.**
Acid Etched Electric Shade.
Per Dozen.....**$2.55**

Orders for Glassware in less than dozen lots, will be filled at the dozen-lot price.

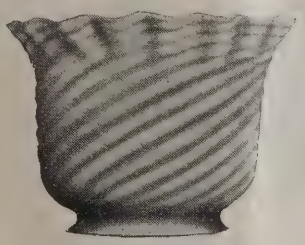
BM 6012.
Acid Etched Gas Shade.
Per Dozen.....$2.75

BM 6016.
Acid Etched Gas Shade.
Per Dozen.....$3.00

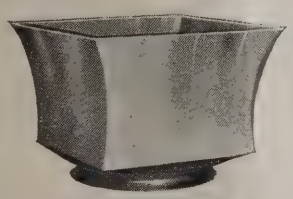


BM 6020.
Silver Etched Gas Shade.
Per Dozen.....$5.60

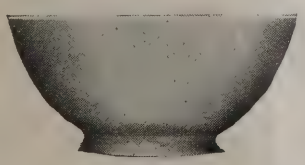
BM 6024.
Silver Etched Gas Shade.
Per Dozen.....$10.00



BM 6028.
Twist Opalescent Gas Shade.
Per Dozen.....$2.80

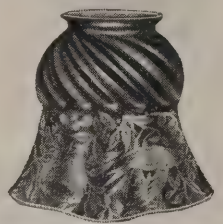


BM 6032.
Gas Shade.
Plain Opalescent. Per Dozen...$4.50
Straw Opalescent. Per Dozen... 5.10

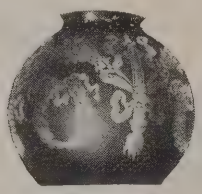


BM 6036.
Gas Shade.
Plain Opalescent. Per Dozen...$3.40
Straw Opalescent. Per Dozen... 4.25

BM 6013.
Acid Etched Electric Shade.
Per Dozen.....$2.25

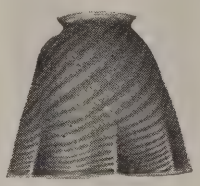


BM 6017.
Acid Etched Electric Shade.
Per Dozen.....$2.80

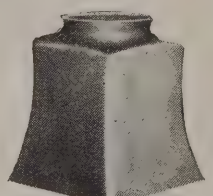


BM 6021.
Silver Etched Electric Shade.
4 ½ in. diameter.
Per Dozen.....$3.60

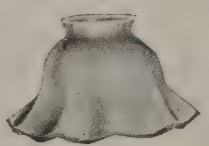
BM 6025.
Silver Etched Electric Shade.
Per Dozen.....$8.50



BM 6029.
Twist Opalescent Electric Shade.
Per Dozen.....$2.25

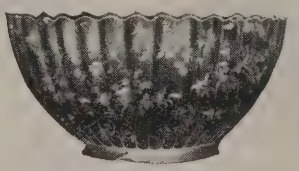


BM 6033.
Electric Shade.
Plain Opalescent. Per Dozen...$4.25
Straw Opalescent. Per Dozen... 4.50

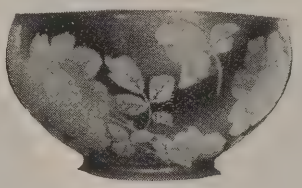


BM 6037.
Electric Shade.
Plain Opalescent. Per Dozen...$2.60
Straw Opalescent. Per Dozen... 3.40

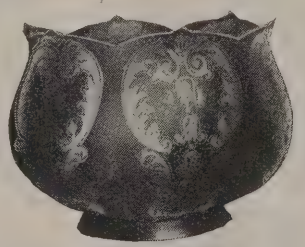
BM 6014.
Acid Etched Gas Shade.
Per Dozen.....$2.80



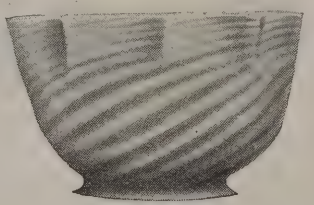
BM 6018.
Silver Etched Gas Shade.
Per Dozen.....$4.25



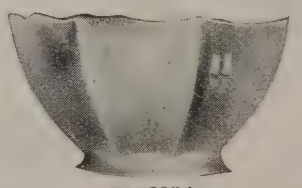
BM 6022.
Silver Etched Gas Shade.
Per Dozen.....$5.90



BM 6026.
Silver Etched Gas Shade.
Per Dozen.....$8.50

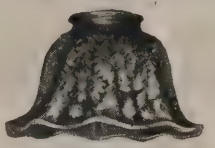


BM 6030.
Twist Opalescent Gas Shade.
Per Dozen.....$2.80



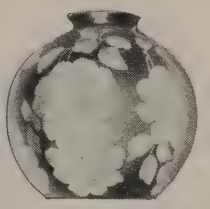
BM 6034.
Gas Shade.
Plain Opalescent. Per Dozen...$5.10
Straw Opalescent. Per dozen... 6.00

BM 6039.
Electric Shade
Bent Art Glass. Price, each....$1.25



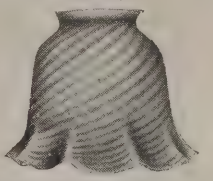
BM 6015.
Acid Etched Electric Shade.
Per Dozen.....$2.55

BM 6019.
Silver Etched Electric Shade.
Per Dozen.....$3.75

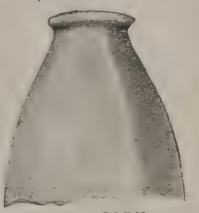


BM 6023.
Silver Etched Electric Shade.
4 ½ in. diameter.
Per Dozen.....$5.00

BM 6027.
Silver Etched Electric Shade.
Per Dozen.....$6.75



BM 6031.
Twist Opalescent Electric Shade.
Per Dozen.....$2.25



BM 6035.
Electric Shade.
Plain Opalescent. Per Dozen...$3.40
Straw Opalescent. Per Dozen... 4.80

BM 6041.
Tulip Electric Shade. Ruby, Pink, Yellow, Green and Blue.
Per Dozen.....$6.75

Orders for Glassware in less than dozen lots will be filled at the dozen-lot price.

Glassware for Electric Fixtures

BM 6043.
Silver Etched Electric Shade. Per Dozen...**$5.10**

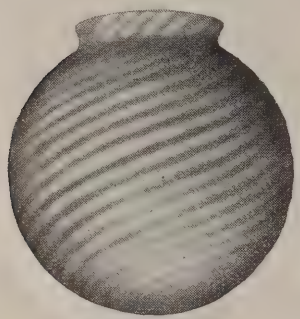
BM 6052.
Green Flash Gas Shade. 10-in diam. Price, each.**65c**

BM 6053.
Electric Stalactite. 8-in. long.
Plain Opalescent. Per Doz.....**$6.75**
Straw Opalescent. Per doz.....**$7.60**

BM 6055.
Electric Stalactite. 8-in. long. Silver Etched.
Per Dozen...**$6.75**

BM 6057.
Electric Stalactite. 8-in. long.
Plain Opalescent. Per Dozen...**$5.65**
Straw Opalescent. Per Dozen...**$6.75**

BM 6054.
Green Flashed Fluted Gas Shade. 10-in diameter. Price, each.....**85c**

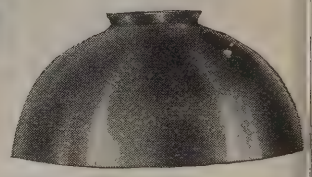


BM 6063.
Twist Opalescent Electric Ball 8-in. diameter.
Price, each.....**55c**

BM 6069.
Oriental Electric Stalactite. Price each.
Plain Opalescent...**$0.65**
Straw Opalescent.... **.85**
Pink Opalescent.... **1.00**

BM 6071.
Green Flashed Ground Glass Bottom Electric Reading Shade.
Price, each.....**$1.05**

BM 6065.
Silver Etched Electric Ball. 8-in. diameter.
Price, each.....**$1.05**



BM 6073.
Green Flashed Electric Shade. 10-in. diameter for 3¼-in. holder. Price, each.....**65c**

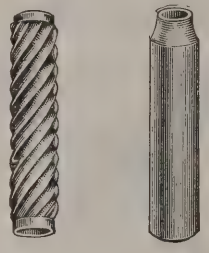
BM 6067.
Electric Ball. 8-in. diameter Each.
Plain Opalescent. Price...**55c**
Straw Opalescent. Price..**65c**

BM 6061.
Electric Stalactite. 8-in. long. Twist Opalescent.
Per doz.....**$5.90**

BM 6075.
Green Flashed Electric Shade. Per doz.
7-in. Price..**$3.95**
10-in. Price.. **6.75**

Orders for Glassware in less than dozen lots will be filled at the dozen lot price

Candles



BM **6070** **6074**

BM 6070.
Opal Candle.
BM **6070.** Per doz.**75c**

BM 6074
Opal Candle.
BM **6074**—Per doz.**60c**

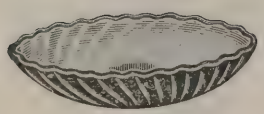
BM 6078.
Candle. Satin Finish.
Ivory. Per doz...**$1.00**
Blue. Per doz... **1.15**
Pink. Per doz... **1.30**
Yellow. Per doz. **2.80**
Red. Per doz.... **3.40**

BM **6082** BM **6086**

BM 6082.
Opal Candle. Hexagon
Per Dozen.....**75**

BM 6086.
Opal Candle. Square.
Per dozen.....**85**

Bobaches



BM 6072.
Opal Bobache.
Used with candle BM 6070. Per Dozen.....**75c**

BM 6076.
Crystal Bobache.
Used with Candle BM 6074. Per Dozen.....**60c**

BM 6080.
Bobache. Satin Finish.
Used with Candle BM 6078.
Ivory. Per Dozen.....**$2.40**
Blue. Per Dozen..... **2.55**
Pink. Per Dozen..... **2.80**
Yellow. Per Dozen.... **3.80**
Red. Per Dozen..... **4.25**

BM 6084.
Hexagon Opal Bobache.
Used with Candle BM 6082. Per Dozen.....**75c**

BM 6088.
Square Opal Bobache.
Used with Candle BM 608 Per Dozen.....**8**

BM 6090—Candle and Bobache Holders for use with Candles 6070, 6074. Price, per dozen.....**$1.75**

BM 6092—Candle and Bobache Holder for use with candle 6078. Per dozen.....**$1.75**

BM 6094—Candle and Bobache Holder for use with Candles 6082 a 6086. Per dozen.....**$2.**

Electrical Supplies

BM 31001

Standard Snap Switches.

This type of switch is most extensively used in electric lighting work. We can furnish this switch either with or without indicating dial.

The indicating switch is especially used where lights to be controlled are not located in same room, as switch, as it shows at a glance whether the lights on a distant circuit are burning.

BM 31000—Standard Snap Switches, 5 amperes single pole, 220 volts. Price each.....**$0.30**

BM 31101—Standard Indicating Snap Switches, 5 amperes, single pole, 220 volts. Price each .30

BM 31002—Standard Snap Switch, 10 amperes, single pole, 220 volts. Price, each..... .38

BM 31003—Standard Indicating Snap Switch, 10 amperes, single pole, 220 volts. Price, each ..... .38

BM 31004—Standard Snap Switches, 10 amperes, double pole, 220 volts. Price, each..... .70

BM 31005—Standard Indicating Snap Switch, 10 amperes, double pole, 220 volts. Price each ..... .70

Standard Three Way Snap Switches.

Three-way switches are used where it is desired to control a light or group of lights from two separate points. In residence lighting this is often done in halls, where either the lights in the upper or lower hall can be turned on or off from either landing. This system can, of course, be extended in electric lighting of a residence, as for example it can be so arranged that any bedroom can have its own switch to control the lights in that room and also these same lights can be controlled by a switch located in any living room on the floor below. By this arrangement, a person can turn on the switch on the lower floor and the upstair room is lighted when they enter same.

These lights can then be extinguished if desired by turning the switch in the room. You can turn the lights on and off at one point or you can light them at one point and extinguish them at another.

Where it is desired to control the same group of lights from more than two separate points, it is necessary to instal a four-point switch for every additional point of control over two. Wiring diagrams showing how to install three and four-way switches will be furnished customers upon request.

BM 31006—Standard Three-Way, 10 ampere, 220 volts, Snap Switches. Price each.....**$0.70**

BM 31007—Standard Four-Way, 10 ampere, 220 volts, Snap Switches. Price, each.....**.70**

Electrolier Snap Switches.

These switches are used for controlling one or more groups of lights on a chandelier. We list two different patterns, which differ only in the manner of controlling the lights.

Two-Step Electrolier Switch for controlling lights as follows:

The first turn lights the first group of lamps on chandelier.

Second turn lights second group of lamps.

The third turn extinguishes the second group of lights.

The fourth turn extinguishes the first group of lights.

Three-Step Electrolier Snap Switch: First turn lights the first group of lamps on chandelier.

Second turn lights the second group of lamps.

Third turn lights third group of lamps.

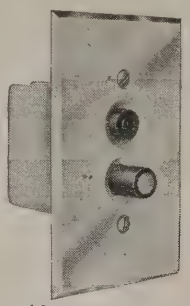
Fourth turn extinguishes all the lights.

BM 31009—Two-Step Electrolier Snap Switch. Price, each..**$0.70**

BM 31010—Three-Step Electrolier Snap Switch. Price, each.....**.70**

Flush Push Button Switch.

This Switch is of the highest grade of material and workmanship. Knife pattern contact springs, insuring perfect contact and thereby avoiding heating at contact points. The mechanism is insulated and the working parts are made of hardened steel. Ease of operation with durability. Body of switch is enclosed in the wall only the plate being exposed.

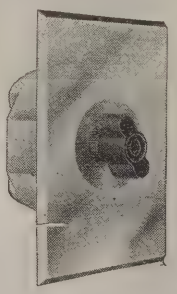


BM 31011—10 amperes, single pole, 220 volts.....**$1.00**

BM 31012—10 amperes, double pole, 220 volts..... **1.25**

BM 31013—10 amperes, three-way, 220 volts..... **1.25**

BM 31014—10 amperes, four-way, 220 volts..... **2.25**



Flush Snap Switches.

These Switches are the same high grade as the Flush Push Button, the only difference being that the switch is operated the same as the Snap Switch instead of the button. Body of switch is enclosed in wall.

BM 31015—5 amperes, single pole, 220 volts. Price.....**$1.25**

BM 31016—10 amperes, single pole, 220 volts. Price..... **1.30**

BM 31017—10 amperes, double pole, 220 volts. Price..... **1.65**

BM 31018—10 amperes, three-way, 220 volts. Price..... **1.65**

BM 31019—10 amperes, four-way, 220 volts. Price..... **1.65**

BM 31020—10 amperes, two-step Electrolier, 220 volts. Price **1.65**

BM 31021—10 amperes, three-step Electrolier, 220 volts. Price **1.65**

BM 31022

Pendant Push Switch.

This switch is convenient and economical for controlling ceiling clusters, electroliers, electric fans, etc., which are not permanently wired with wall switches. A flexible cord is used to connect this switch with the fixture. This plan is often the only feasible one in old work and economizes wiring in new.

BM 31022—5 amperes, 125 volts. Price.....**$0.32**

BM 31023—3 amperes, 220 volts, double pole. Price..... .45

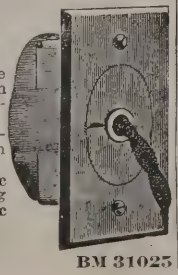
BM 31024—6 amperes, 110 volts, double pole. Price..... .45

Flush Wall Receptacles.

Installed inside walls for connection with electric portables, fans, etc

BM 31025—Receptacle only with plate, no plug. Price .....**.90c**

BM 31026—Plug only. Price....**.33c**



BM 31025

Edison Base Socket.

BM 31027

All of our sockets are of approved form, fibre lined and adapted for circuits up to 250 volts and 50 candle power. The tendency of the times is to adopt a universal lamp base and the Edison base socket is more largely used than any other.

We can, however, supply both the T-H and the Westinghouse base sockets when desired.

BM 31027—Edison Base Key Sockets. Price each.....**$0.20**

BM 31028

BM 31028—Edison Base Keyless Sockets. Price, each..... .18

BM 31029—Edison Base Key-Wall Sockets. Price, each..... .28

BM 31030—Edison Base Keyless Wall Sockets. Price, each.. .25

BM 31031—Edison Base Pull Socket. Price, each..... .38

BM 31100—Edison Base Pull-Wall Socket. Price, each..... .44

BM 31029

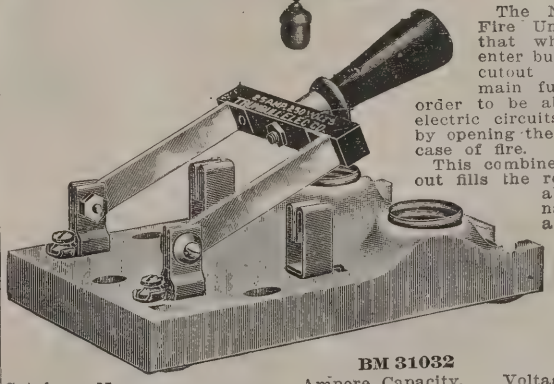
BM 31030

Combination Switch and Cutout.

The National Board of Fire Underwriters require that where service wires enter building, that a main cutout switch and also main fuse be installed in order to be able to cut out all electric circuits in that building by opening the entrance switch in case of fire.

This combined switch and cutout fills the requirements of the above rule for ordinary sized houses at a very moderate cost.

They are also extensively used for motor switches.



BM 31032

Catalogue No.	Ampere Capacity.	Voltage.	
BM 31032—Double Pole.....	25	125	**$0.70**
BM 31033—Double Pole.....	25	250	**.75**
BM 31034—Triple Pole.....	25	250	**1.00**

Edison Fuse Plugs BM 31070 to be used with these switches.

BM 31050

Rubber Covered Wires and Cables for Interior Electric Wiring.

The single braid is the wire mostly used in lighting work. The double braid only being required where wires are installed in unlined metal conduits. Prices quoted are per 100 feet and are subject to market fluctuations; order by **number** and **size.**

	BM 31050 Solid Cond'ctr Single Braid	BM 31051 Solid Cond'ctr Double Braid	BM 31052 Stranded Condc'tr Single Braid	BM 31053 Stranded Cond'ctr Double Braid
14	**$1.46**	**$1.83**	**$1.78**	**$2.15**
12	**2.10**	**2.38**	**2.34**	**2.77**
10	**2.64**	**3.19**	**3.13**	**2.63**
8	**4.15**	**4.30**	**4.40**	**5.00**
6	**5.85**	**6.50**	**6.81**	**7.46**

Write for prices on 1,000 or more feet.

Crescent Soldering Stick.

BM 31064—A substitute for resins, acids and soldering salts. For all electric work. Price each.....**12c**

Circular Loom or Flexduct Flexible Conduit for Electric Wires.

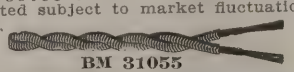
There are many places where a flexible conduit is required in electric wiring, especially as a protection for lines when installing concealed wiring in old buildings. Also at any point where wires are liable to come in contact with metal.

BM 31060—

Inside Diameter.	Price per 100 feet
¼ inch.....	**$4.80**
⅜ inch.....	**5.60**
½ inch.....	**6.40**
⅝ inch.....	**8.00**
¾ inch.....	**9.60**
1 inch.....	**12.80**

Flexible Incandescent Lamp Cord, for Drop Lights, Fans, Portables, Etc.

The two twisted conductors are composed of a number of fine wires insulated with rubber and braided with either cotton or silk. For all towns where the rules of the Board of Fire Underwriters are effective. Order BM 31055 or BM 31057. Prices are quoted subject to market fluctuations.



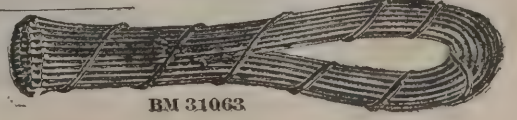
BM 31055

Cotton Covered Size		BM 31055 1-32 In. Rubber	BM 31056 1-64 In. Rubber
B & S Gauge			
18	Per 100 feet	**$2.38**	**$2.12**
16	Per 100 feet	**3.21**	**2.85**
14	Per 100 feet	**4.82**	**4.30**
Silk Covered Size		**BM 31057** 1-32 In. Rubber	**BM 31058** 1-64 In. Rubber
B & S Gauge			
18	Per 100 feet	**$3.60**	**$3.20**
16	Per 100 feet	**4.53**	**4.02**

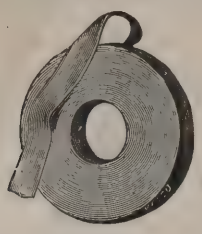
Wire Solder.

For soldering electric wires.

BM 31063—Wire Solder, No. 10 Gauge. Per lb. **35c**



BM 31063



Friction and Rubber Tape.

For insulating electric wires.

BM 31061—Pure rubber tape, per ½ lb. roll **30c**

BM 31062—Black friction tape, per roll ½ lb..... **18c**

Porcelain Insulators.

BM 31075—Standard No. 4 ½ Porcelain Insulators. Per 100 ..... **85c**

BM 31076—Standard No. 5 ½ Porcelain Insulators. Per 100 ..... **55c**

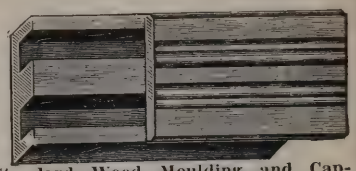
Note.—as the old No. 4 and No. 5 Insulators do not meet the requirements of the Board of Fire Underwriters, we list only the 4 ½ and 5 ½ which meet these requirements. This rule requires that a 1-inch air space be maintained between wire and surface over which wires pass, which means that groove must be 1 inch from the bottom of insulator. We will, however, be pleased to quote on a No. 4 and No. 5 or any other size Insulators upon request.

Enclosed Cartridge Fuses for use with Cutouts.

BM 31071 and BM 31072.

Capacity.		Price.
3 Amperes.	Each	**$0.15**
5 Amperes.	Each	**.15**
8 Amperes.	Each	**.15**
10 Amperes.	Each	**.15**
12 Amperes.	Each	**.15**
15 Amperes.	Each	**.15**
20 Amperes.	Each	**.15**
25 Amperes.	Each	**.15**
30 Amperes.	Each	**.15**

State Amperes desired.

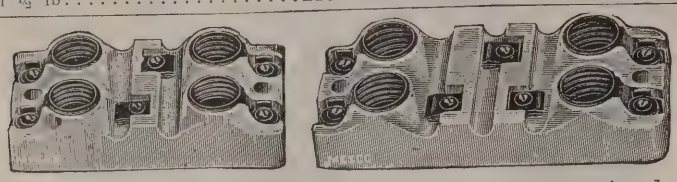


Standard Wood Moulding and Capping for Electric Light Circuits.

These mouldings are quite extensively used in wiring buildings which are already plastered. Prices as given below include both moulding and capping and are per 100 lineal feet.

BM 31077—

¼ inch	14 to 12	**$1.60**
5-16 inch	10 to 8	**2.00**



Edison Plug Cut Outs.

Panel Style. For circuits up to 125 volts. We illustrate herewith four styles plug cut outs, such as are commonly used in lighting work. By using these type it is not necessary to solder tap lines on the mains, for connection with fuse blocks. All that is required is to remove a short piece of insulation from the mains and insert wires under main clamps. We list both the two-wire and the three-wire double pole, double branch blocks, both with and without double pole switches for branch circuits.

BM 31065—Price each **$0.48**

BM 31066—Price each ..... **.50**

BM 31067—Price each **1.50**

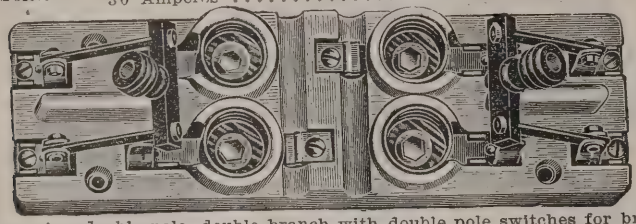
BM 31068—Price each **1.58**

Fuse Plugs not included in above prices.

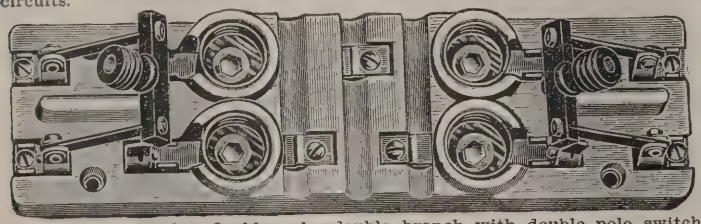
BM 31070

BM 31070—Fuse Plugs for Edison Plug Cutouts, as shown above. State amperes desired.

Capacity in Amperes.	Price Each.
3 Amperes	**$0.04**
6 Amperes	**.04**
10 Amperes	**.04**
12 Amperes	**.04**
15 Amperes	**.04**
20 Amperes	**.04**
25 Amperes	**.04**
30 Amperes	**.04**



Two wire, double pole, double branch with double pole switches for branch circuits.



Three to two wire, double pole, double branch with double pole switches for branch circuits.

Enclosed Fuse Cutouts.

For circuits not to exceed 30 amperes and 250 volts.

We show the two-wire, double pole, double branch and the three to two wire, double pole, double branch panel styles. These cutouts are made with type C spring clip contacts, and take inclosed cartridge fuses as listed below.

BM 31071—Price each..... **$0.85**

BM 31072—Price each..... **1.05**

Iron Box Bells.

The Diamond Iron Box Bell is a reliable, easy ringing bell having improved adjustment and can be operated on one cell of battery. It has japanned iron box and frame, nickel plated gong.

BM 20824—2 ½ in. gong. Price each **32c**

BM 20825—3 inch gong. Price each **34c**

Wood Box Bells.

A high grade, reliable bell with non-turning, binding posts and with nickel-plated trimmings. Operates on one to five cells of battery.

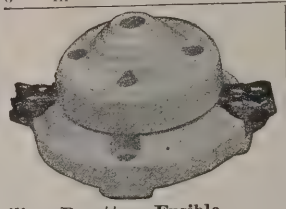
BM 1841-82—2 ½ inch gong. Price each **62c**

BM 1842-84—3 in. gong. Price each **63c**

Porcelain Tubes, Unglazed.

The dimensions of our tubes conform to the rules of the Board of Fire Underwriters. Order by number.

Length of Tube Under Head	Hole 5-16 in. Outside 9-16 in. Diameter	⅜ in., 11-16 in. Diameter	½ in 13-16 in. Diameter	⅝ in. 15-16 in. Diameter	¾ in. 1 3-16 in. Diameter
	Price per 100				
	BM 31080	**BM 31081**	**BM 31082**	**BM 31083**	**BM 31084**
2 ½ in.	**$0.25**	**$0.26**	**$0.38**	**$0.41**	**$0.55**
3 in.	.26	.32	.41	.46	.58
4 in.	.28	.33	.46	.57	.64
5 in.	.49	.58	.68	.82	.92
6 in.	.64	.76	.88	1.00	1.12

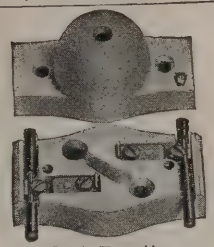


Ceiling Rosettes, Fusible.

For use with lamp cord drop lights.

BM 31085—Ceiling Rosette, Cleat style. Price each **20c**

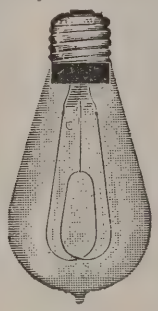
BM 31086—Ceiling Rosette, Concealed style. Price each **20c**



Cleat Rosettes.

A combined cleat and rosette. Not Fusible.

BM 31087—For drop cord. Price each **16c**



Incandescent Lamps.

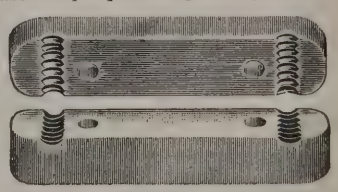
Standard Lamps 45 to 130 volts inclusive. Edison Base.

	Candle Power	Standard Packages Contain	Price each in full Standard Packages	Price each in less than Standard Packages
BM 32000	4	200	**$0.18**	**$0.20**
BM 32001	6	200	**.18**	**.20**
BM 32002	8	200	**.18**	**.20**
BM 32003	16	200	**.18**	**.20**
BM 32004	32	100	**.28**	**.30**

Standard Lamps 200 to 250 Volts Inclusive. Edison Base.

	Candle Power	Standard Packages Contain	Price each in full Standard Packages	Price each in less than Standard Packages
BM 32005	8	200	**$0.20**	**$0.22**
BM 32006	16	200	**.20**	**.22**
BM 32007	32	100	**.28**	**.30**

Note.—In ordering Lamps be sure and give candle power and voltage. To large users of electric lamps such as hotels, theatres, etc., we will be pleased to make special quotations based on your yearly requirements. In writing for special quotations, please state number of lamps you use in a year. Prices on T-H and Westinghouse base lamps quoted upon request.



Porcelain Cleats.

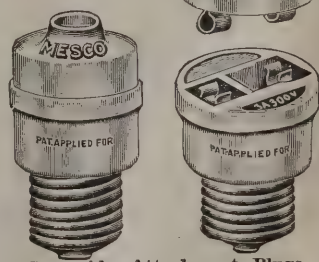
For Electric Wiring.

BM 31090—Standard two wire, unglazed. Price per 100..... **$1.20**

BM 31091—Standard two wire, glazed. Price per 100..... **$1.56**

BM 31092—Standard three wire, unglazed. Price per 100..... **$1.21**

BM 31093—Standard three wire, glazed. Price per 100..... **$1.57**



Separable Attachment Plugs.

This plug is made in two parts. The cord being attached to the detachable top. The base can be screwed into the socket after which the cap is inserted which avoids the twisting of the lamp cord.

BM 31088—Price each..... **18c**

Electric Door Bell Outfits.

The illustration shows method of making connections.

BM 20779—Complete door bell outfit, consisting of the following: One iron box bell, 1 dry battery, 1 wood push button, 50 ft. of No. 18 annunciator wire, 1 package staples, 1 piece of tape. Price for the complete set only..... **65**

Buzzers.

Buzzers are used by many people who prefer them to the electrical bell.

BM 20842

Improved Iron Box Buzzer.

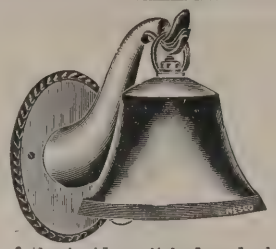
BM 20842 — It has pivoted armature, double adjustment and all latest improvements. Price each.....**39c**

Watch Case Buzzer.

BM 20850 — A perfectly adjusted Buzzer placed in a well nickeled tin box and fitted with binding posts on the outside of the case. Price each.....**35c**

"Elite" Bracket Bell.

The "Elite" is a most perfect bracket bell in appearance and efficiency. The gong is made of best bell metal with all of the outside surface and the lower



half of the inside polished and plated. The vibrating mechanism is simple and reliable and will operate satisfactory with two to five cells of battery. Circuits are arranged through the bracket which avoids the necessity of disconnecting wires in the bell to remove it from the bracket. The size of the gong at the opening is 4 ½ inches. Very neat and symmetrical.

BM 22000 — Nickel-plated. Price each **$2.25**

Dry Cell Batteries.

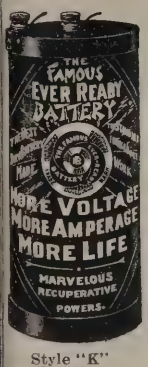
It must be remembered that the battery of an electric device stands in the position of kerosene to the oil lamp; it is the fuel of the lamp. Every time it is put on short circuit, a part of the current is consumed and if it is when used continuously, consumption is very rapid; therefore, do not expect battery to last an unreasonable length of time. When exhausted, throw it away and purchase a new one, as you cannot recharge a dry battery.

The exhaustion of batteries goes on continuously, whether battery is being used or not. Of course, the exhaustion is much more rapid when battery is in use. When not in use the exhaustion is slow but sure and in time will render battery entirely useless.

Therefore, do not expect as good results from an old battery as from a fresh one, and do not lay in a stock of batteries at one time. Instead order fresh supply as required.

All our Dry Batteries are perfectly fresh, as our stock is renewed frequently and it is impossible for them to get old in our possession.

Therefore do not return dry batteries under the claim that they were exhausted when received, as each cell is tested before being shipped, and we can make no allowance for useless Batteries.



Style "K" 3x7 In.

The Famous "Ever Ready" Dry Cell Battery.

We use the J size on all our telephones.

Our "Ever Ready" is one of the best and most enduring dry batteries made. Specially adapted for operating small motors, telephones, medical battery, gas engine and automobile work. Every cell is carefully tested and is positively guaranteed free from local action or deterioration while on open circuit. Has high electro motive force. 30 to 40 per cent better recuperative powers. Longer life. Every cell will run uniform. Guaranteed by the makers to be the best dry battery procurable.

Style "K," 3x7 in. 27 to 30 amperes. 1 6-10 volts. Weight, 3 ½ lbs. Especially constructed for stationary, gas and gasoline engine ignition.

BM 20565 — Price, each **45c**

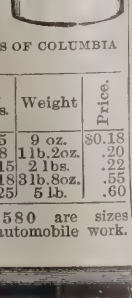
Style "J," 2 ½ x6 in. 22 to 25 amperes. 1 6-10 volts. Weight, 2 lbs. Unequaled for use in **automobiles** and for **telephone** work.

BM 20567 — Price, each **25c**

Style "J" 2½x6 In.

M. W. & Co.'s Special Dry Battery.

BM 20569—One of the most efficient and enduring low priced dry cells on the market. Size about 2x6 inches. Weight 1 ¾ lbs. Price each **13c**



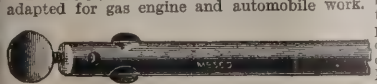
Columbia Dry Cells.

The Columbia is one of the best known and reliable high grade cells. They have remarkable recuperative qualities and are absolutely uniform in efficiency.

SIZES, WEIGHTS, AND PRICES OF COLUMBIA DRY CELLS.

Number.	Size of Zinc Shell, inches	Over all, inches.	Amperes.	Weight	Price.
BM20572	1½x4	1¾x4¾	3 to 5	9 oz.	$0.18
BM20574	2 x5	2¼x6	6 to 8	1 lb.2oz.	.20
BM20576	2½x6	2⅝x7	12 to 15	2 lbs.	.22
BM20578	3 x7	3¼x7⅞	12 to 18	3 lb.8oz.	.55
BM20580	3½x8	3¾x8¾	18 to 25	5 lb.	.60

BM 20578 and BM 20580 are sizes adapted for gas engine and automobile work.



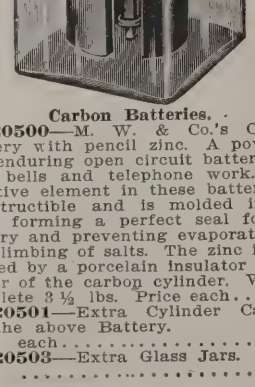
Battery Zincs.

BM 20507—Pencil Zinc as used with carbon batteries. Price each...**$0.04**
Per 100.....**2.50**

Sal Ammoniac.

BM 20508—Sal Ammoniac for charging carbon batteries. Per charge **5c**
Per pound **12c**

Telephone companies and electrical supply dealers should secure our special quotations on batteries in large quantities. In writing for prices, please state yearly requirements.

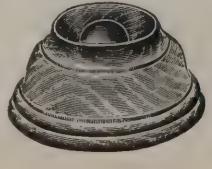


Carbon Batteries.

BM 20500—M. W. & Co.'s Carbon Battery with pencil zinc. A powerful and enduring open circuit battery, for door bells and telephone work. The negative element in these batteries is indestructible and is molded in one piece forming a perfect seal for the battery and preventing evaporation or the climbing of salts. The zinc is suspended by a porcelain insulator in the center of the carbon cylinder. Weight complete 3 ½ lbs. Price each....**28c**

BM 20501—Extra Cylinder Carbons for the above Battery.
Price each.....**18c**

BM 20503—Extra Glass Jars.
Each **10c**



Wood Push Buttons.

Finely finished in oak, ash, cherry or walnut.

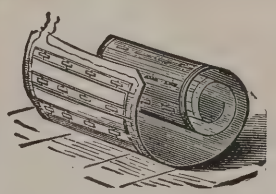
BM 20866—
Price each...**6c**

Bronze Push Buttons.

BM 20862—Stamped ornamental, metal push buttons with open back. Size 2 ¼ inch in diameter. Price each, bronze finish.....**12c**

BM 20864—Press Metal Push Button with open back. Oblong in shape. A handsome ornamental push button. Polished bronze finished. Size about 2¼x4⅝. Price each, **32c**

BM 20868—Pear shaped push button. Made of ornamental wood with polished bone extension and push and intended to be used on a drop cord in dining or bed rooms. Price each **20c**



Electric Burglar Alarm Matting.

This matting is easy and quickly fitted. If it is installed at the entrance of any room or apartment, placing same under a rug or carpet, no person can enter without sounding an alarm. Made in rolls 2, 2 ½ and 3 feet wide. We can furnish any length desired.

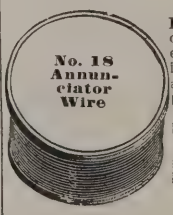
BM 22005—Price per square ft..**18c**

The "Nox-All" Annunciator.

A handsome low-priced annunciator with polished hardwood case. Designed especially to give a perfect working instrument at a low price. Has a needle for every drop and any of the batteries quoted in this catalogue can be used with this annunciator.

BM 20756 — 4 indicators. Each.....**$2.35**
BM 20758— 6 indicators. Each **3.15**
BM 20760— 8 indicators. Each **4.00**
BM 20762—10 indicators. Each **5.00**
BM 20764—12 indicators. Each **5.85**

Annunciator Wire.



BM 20430— Double cotton covered, waxed in paraffine, made in assorted colors and of soft pure copper. Any sizes desired.

Price per pound, **38c**

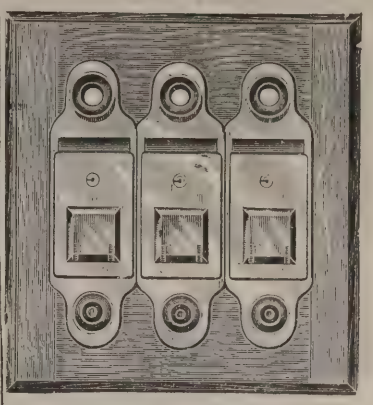
No. 16 measures approximately 103 ft. to the pound; No. 18, 150 and No. 20 225 ft. The No. 18 is the size ordinarily used in bell work.

Office Wire.

BM 20426—Single conductor, braided. Price per pound **40c**

No. 14 measures approximately 60 ft. to the lb.; No. 16, 95 ft. to the pound; No. 18, 135 ft. to the lb.

Office wire is frequently used for the battery wires in large annunciator systems. In ordering always state size desired.

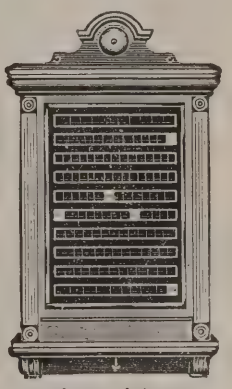


Vestibule Letter Boxes.

Cast Bronze Letter Box with mouth piece and screw cap push button. Letter opening 3⅝ in.

BM 22001—Plain Bronze mounted, per plate. Price.....**$1.70**
BM 22002—Plain Bronze, not mounted, per plate. Price.....**$1.45**
BM 22003—Oxidized Copper, mounted, per plate. Price.....**$2.00**
BM 22004 — Oxidized Copper, not mounted, per plate. Price....**$1.90**

The illustration shows three plates mounted in gang.

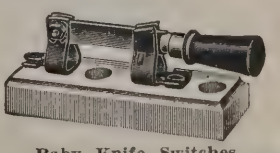


Annunciators.

We can furnish any kind of Annunciator from the smallest 2 point to the largest hotel size. We can furnish them with or without return call systems and also with telephone connections if desired. We would be pleased to make special quotations on complete annunciator or inter-communicating interior telephone systems upon request. Also burglar alarm annunciators. We list below two popular priced types, suitable for residence use.

The "Dandy" Automatic Two-Point Indicating Bell.

BM 20750—A most useful specialty. It serves the purpose of two bells for the front and back doors. It is made in strong and well-finished case of oak or walnut with glass front and gilded numbers. Makes a handsome and desirable instrument at the price. The needle does not require re-setting.
Price each.....**$1.65**



Baby Knife Switches.

Our Switches are well made, the metal faces being nicely finished. Handles are ebonized and switches mounted on porcelain base.

BM 20914—Single pole switches, 125 volt.
15 amperes, single pole, single throw.
Price each.....**$0.20**
25 amperes, single pole, single throw.
Price each.....**.25**
15 amperes, single pole, double throw.
Price each.....**.32**
25 amperes, single pole, double throw.
Price each.....**.35**

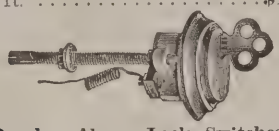
Baby Knife Switches (Continued)

15 Amperes Double Pole Single Throw

BM 20916—Double Pole Switches, 125 volt.
Price each.....**$0.25**
25 amperes, double pole, single throw.
Price each.....**$0.30**
15 amperes, double pole, double throw.
Price each.....**$0.42**
25 amperes, double pole, double throw.
Price each.....**$0.50**

Speaking Tube.

Tin tube in 5 ft. length, soldered seams and joints.
BM 22006—1 inch in diameter, per 100 ft. **$1.30**



Burglar Alarm Lock Switches.
These switches are placed on the doors of stores, residences, etc., connected with burglar alarm switches, so that persons having the proper key can go in and out of the building without ringing the alarm.
BM 22012—Price with Yale lock and 3 keys, each.....**$1.25**

Speaking Tube Supplies.

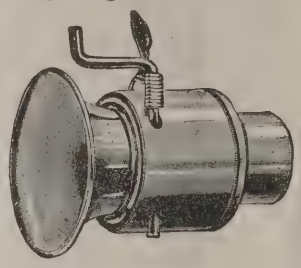
BM 22007 — Tee joints for 1 inch speaking tube. Price each.....**4c**

BM 22008— Elbows for 1 inch speaking tube. Price each **2c**

Tube Rack.

BM 22011—For the speaking tube flexible BM-22010. Price each....**2c**

Speaking Tube Whistles.

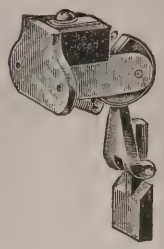


BM 22009—Spun metal, nickel plated with indicator for 1 inch speaking tube. Price each.....**13c**

Electric Door and Window Springs for Burglar Alarm Systems.

For setting in door and window jambs, connecting same to wires of the alarm system. Wiring plan for a complete burglar alarm system for any kind of building sent free of charge to any customer on request. In writing for wiring diagrams send plan of building and mark all door and window openings and state number of rooms you desire system connected with. Absolute protection at a small cost.

BM 20800 — Electrical Door Spring, open circuit type. Price each....**10c**



BM 20802 — Electrical Door Trip for use on store doors to announce entrance of customers. Rings signal when door passes the trip but is silent when door is opened or closed. Price each.....**20c**

BM 22010—Flexible Speaking Tube Terminals fitted with whistle and connector as shown in illustration. Price, 2 ft long.....**88c**
For each additional foot, add....**15c**

BM 20804 — Electrical Window Spring, open circuit type. Price each.....**15c**
BM 22014—Electrical Transom Spring for swing windows, open circuit type. Price each.....**25c**

Get our prices on Genuine Haviland Dinner Sets, Cut Glass Table Pieces, etc. These are listed in our large general catalogue.

Our Guarantee. Read It.

GUARANTEE.

We guarantee each and every item we list to be exactly as represented and to prove satisfactory to you. If not so found you are at liberty to return the goods to us, and immediately upon receipt of same we will either refund your money or replace the goods, whichever you may desire.

We will also refund all transportation charges you may have paid on goods returned as unsatisfactory.

We Guarantee the Goods. We Guarantee Safe Delivery.

We Guarantee Satisfaction. We make Prompt Shipments.

Claims for Damage.

Always carefully inspect a shipment before taking it from the station. If anything is broken, scratched or missing, if any boxes appear to have been tampered with, call the attention of the agent to the difficulty then and there. Don't accept the shipment until the agent writes a clear notation of the damage or shortage on the expense bill, showing the exact condition in which the goods are delivered to you. After agent has made the notation showing damage, you may then accept shipment and avoid storage charges. All our goods are sent out in first-class shape, properly packed for shipping, so if any bad order exists when they reach your station, it is the fault of the railroad company, and you should not be put off with any excuses, such as poor boxing, etc.

If Your Shipment is Damaged,

or anything is short, send us your expense bill with notation of damage or shortage as explained above. At the same time return your invoice and give full details as to what is wrong, and we will either pay for the damage or duplicate the shipment.

We Will Adjust Your Claims,

provided you

1. Send us the expense bill with agent's notation of damage.
2. Return our invoice (bill) showing the goods shipped.
3. Write us a letter explaining the nature of the damage.

Remember we can do nothing unless you secure the agent's admission in writing of the damage.

We Ship in Plain Boxes.

For many years we were satisfied to use shipping boxes plainly stamped with our name and address on the outside. A few of our customers complained, stating that they did not desire it to be known where they bought their goods. We were inclined to take the position that inasmuch as our business was perfectly legitimate and honorable, we were not justified in endeavoring to conceal our identity.

Shipping in Plain Packages,

as we now do, enables you to receive shipments from us without anyone knowing where they came from, and as we keep no open accounts or have books open for inspection, every transaction may be regarded as absolutely confidential.

Always Send Your Invoice.

Remember that it is impossible for us to adjust a complaint unless you give us full instructions, so we ask you to be very careful to always return your invoice, if you have it; if not, give us the invoice number and then sign your full name and address the same as you signed it on the original order. We have had much difficulty in the past by goods being ordered by one person and returned by somebody else signing a different name to the letter of complaint, making it impossible for us to locate the transaction, as we keep our records under the name of the person sending the original order. Therefore, should you have any cause for dissatisfaction with goods we ship you and find it necessary to return all, or any part of them, be sure to sign your own name to the letter and send us our original invoice (bill) if possible.

Without the Bill there is Difficulty.

If you return the goods without the bill, we will, of course, allow you the purchase price in accordance with the terms of our guarantee, but we will not pay the transportation charges and must insist that the goods be returned within ten days after you receive them. Even then we may have difficulty in locating the transaction upon our books, and will be compelled to delay action and write you for the bill. By returning the bill there is no chance for error, argument or delay.

Dividend Certificates Must be Returned.

When you return any goods and ask for your money back, you must also send in the Dividend Certificate as well as the invoice or bill. In case you return only part of a purchase, you must still return the Dividend Certificate for the entire purchase, whereupon we will correct the Dividend Certificate to the exact and right amount to which you are entitled and send it to you.

Remember the Letter of Instructions. We particularly urge you to remember the necessity of sending us a letter explaining what the difficulty is and what remedy you desire. As explained above send the letter by mail with freight receipt attached, when shipment is returned by freight; enclose it in the package when the shipment is returned by express, and invariably send it by mail, separately, when the shipment is returned by mail.

Make Your Inquiry Complete. When writing on any subject, be sure and furnish complete information, sending all papers (the invoice, letter or postal) which you may have pertaining to the matter. This will insure prompt and proper reply, as it does away with the necessity of our looking up records, which sometimes become misplaced.

Wait a Reasonable Time before writing about a shipment. We receive hundreds of letters daily asking why an order has not been shipped, and find that nine out of ten have already gone forward and will reach their destination before our reply. Should you find it necessary to write us about a delayed shipment be sure and sign the same name and address that was on the original order and give the invoice number as reference.

Mantels and Grates

from $23.50 to $43.85

What do you look for when buying a mantel? Style? Yes. Beauty? Yes. These you will usually get because they are **visible** qualities. But how about the others that are not so readily apparent—such as perfection of detail, strength combined with beauty, expert workmanship, the experience and **reputation** of the maker? These are the essentials **after** you have purchased. You will find them all in the fullest measure in every mantel emanating from our warehouse. You will understand this better after seeing this mantel. Besides appealing to those who appreciate the niceties and appropriateness of correct style it is quoted at a price well within the reach of everyone. This mantel is made of thoroughly seasoned and dried quarter-sawed oak and is finished in a rich golden oak, highly polished. It has large shelves built up and presenting a massive appearance. The columns are veneered with the choicest of quarter-sawed oak and are finished off with neatly turned caps. The Mirror is a heavy bevel plate 18x36 inches. Special attention is called to the swelled main shelf and to the handsome carving on the frieze above the tile.

The mantel stands 7 feet high and 5 feet wide. The tile opening is 42 inches wide and 39 inches high and the tile projection 3½ inches. If desired, we can also furnish this mantel with a plain mirror 20x36 inches square, extending down to the shelf and reflecting all objects in full, instead of the 18x36 beveled mirror shown in cut, without extra charge.

Mantel **BM 21100**, without tile or grates.....**$23.50**

Mantel **BM 21100**, including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile), but no grate.....**$29.75**

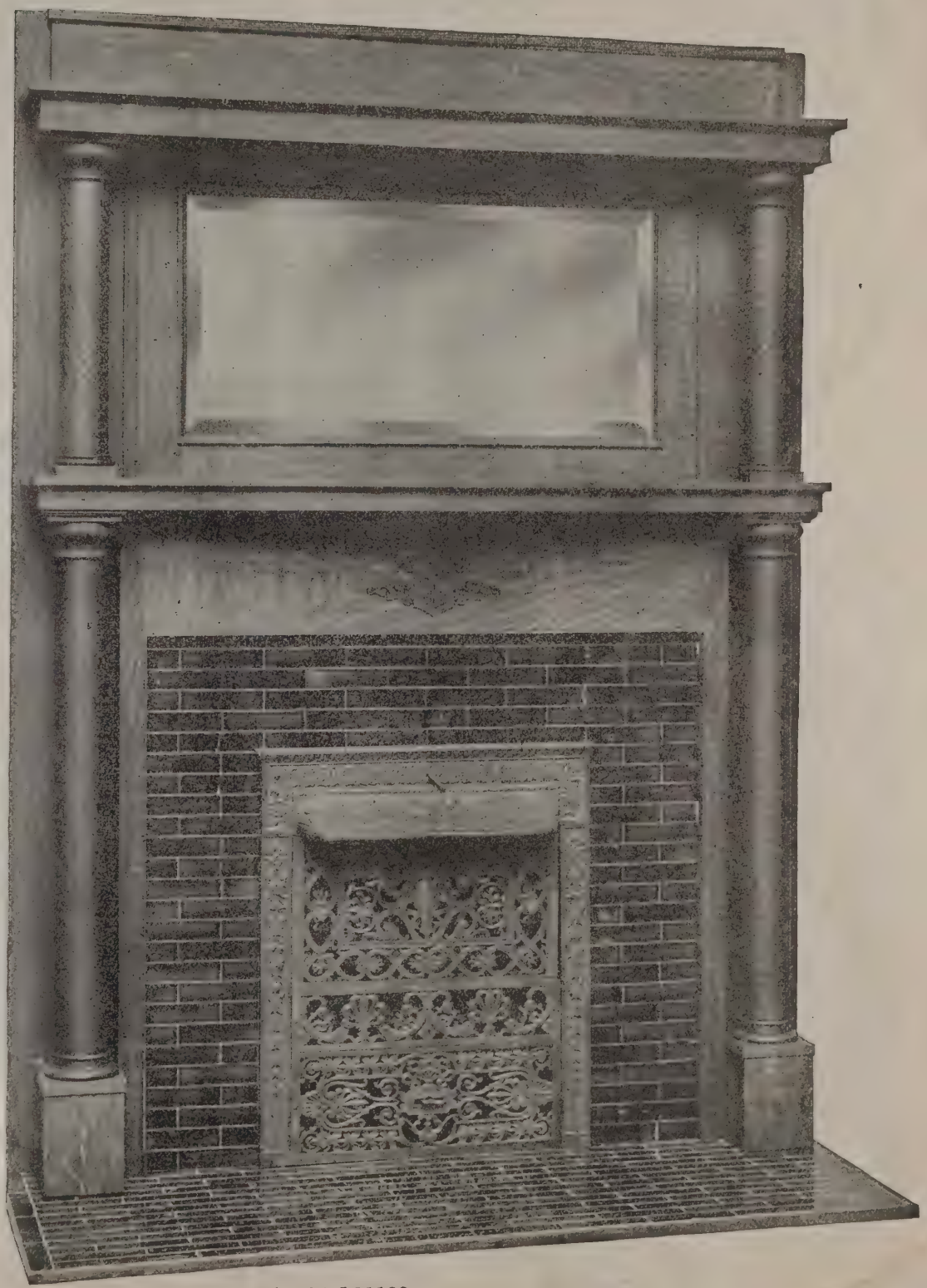
Mantel **BM 21100**, including best quality enameled tile for hearth and facing of various colors (or non-crazing unglazed tile) and our Excelsior combination coal and wood burning grate **$32.10**

(If summer front is desired add $1.00 net.)

Mantel **BM 21100**, including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile) and the M-W Chicago Mounted Buckeye Coal and wood burning grate, including summer front **$37.90**

Mantel **BM 21100**, including tile as above and our high grade Majestic Mounted coal and wood burning grate, including summer front **$43.85**

Mantel **BM 21100** with tile as above and our Columbia frame and summer front, to be used where a dummy mantel is desired, of handsome design and beautifully finished in an oxidized copper finish **$32.75**



Design BM 21100

Mantel **BM 21100**, with tile as above and our Perfection gas grate in oxidized copper finish.....**$37.90**

(In ordering this grate please specify whether for natural or artificial gas.)

Mantel from $18.15 to $38.50

BM 21101.

This demonstrates our ability to offer mantels to the consumer at the same price that some dealers have to pay for them. Did you ever stop to consider what makes the cost of some mantels mount so high that it is beyond the reach of the average pocketbook? Stop for a moment and figure what the manufacturer originally must ask for a mantel when a dealer buys but one or two at a time. Added to this cost are the charges for freight and cartage, the incidental expenses of carrying on a business, the losses from bad accounts to be made up and other items too numerous to mention. Each item seems small, but at the end of the year these same small items footed up will show a total that is appalling. We eliminate a large percentage of these incidental costs; first by buying all our supplies in large quantities, in most cases placing our orders for a year's supply at one time; second, by having all shipments made in carloads, thereby obtaining a large reduction in freight charges, third, by our excellent system of eliminating all unnecessary handling of goods. We are giving you an opportunity to profit by these advantages, why not take it?

Some of our designers' best thoughts are embodied in the mantel we are showing here and in point of beauty or graceful outline we can say without fear of contradiction that no handsomer design than this has ever been produced, except at a great increase in cost.

The material used is carefully selected solid oak and it is finished a rich golden oak shade, in a high grade flow finish. The mantel is 6 feet 11 inches high and 4 feet 6 inches or 5 feet wide. The tile opening is 36 inches wide and 36 inches high and the tile projection is 3 inches. The mirror is a heavy beveled plate 18x36 inches.,

Mantel **BM 21101,** without tile or grate **$18.15**

Mantel **BM 21101,** including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile), but no grate **$24.40**

Mantel **BM 21101,** including best quality enameled tile for hearth and facing of various colors (or non-crazing unglazed tile) and our Excelsior combination coal and wood burning grate.....**$26.75**

(If summer front is desired add $1.00.)

Mantel **BM 21101,** including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile) and the M-W Chicago Mounted Buckeye coal and wood burning grate, including summer front....**$32.55**

Mantel **BM 21101,** including tile as above and our high grade Majestic Mounted coal and wood burning grate, including summer front **$38.50**

Mantel **BM 21101,** with tile as described above and our Columbia frame and summer front, to be used where a dummy mantel is desired, of handsome design and beautifully finished in an oxidized copper finish.....**$27.40**

Mantel **BM 21101,** with tile as above and our Perfection gas grate in oxidized copper finish.....**$32.55**

(In ordering this grate please specify whether for natural or artificial gas.)

Design BM 21101

Utica, Ohio, Aug. 28, 1906.

Montgomery Ward & Co., Dear Sirs: I have saved dollars on every order I have sent you, and goods have arrived in good shape. I am always glad to speak a good word for you. C. D. Larimore.

Chief, Manistee Co., Mich., Jan. 7, '07.

Montgomery Ward & Co., Dear Sirs: The goods in that last bill were better than I expected, and I saved $10.00 by buying them of you. That Reed Rocker is a very nice present to receive and I don't see how you can give us such nice premiums when you sell so cheap. I have patronized you a number of years and have always made a large saving, and shall continue to order of you. Yours truly, W. H. Griswold, R. F. D. 2.

Webster, S. D., Dec. 10, '06.

Montgomery Ward & Co., Gentlemen: My first order from you was in 1873, when your business was very small, and I have been dealing with you ever since, with the best of satisfaction. I always have a good word for you. Yours truly, Wilhelm Petrausch.

Waco, Tex., Sept. 12, 1906.

Montgomery Ward & Co., Gentlemen: I have always been more than satisfied with your treatment and have always found things a little better than the catalogue described them. With best wishes. Fred Holding, 1121 South Fifth St.

Mantel from $19.70 to $34.10

BM 21102.

$19.70 for this handsome mantel, made throughout of carefully selected solid oak, and finished in a rich superior flow finish, golden oak shade. Appropriate in design, its graceful outlines make this one of our best sellers and we can well recommend it as being worthy of your careful consideration. We are placing at your disposal our vast experience in the mantel business, that you may profit by it not only in a financial way but also from an artistic standpoint, and therefore in ordering one of these mantels you are sure of obtaining one that is first class in every respect and that will prove an ornament of great beauty for any home. Do not make the mistake of confusing these mantels with any mill design as they are all made by skilled cabinet-makers who have spent a lifetime learning their trade and are experts in this particular line. As much care is exercised in seeing that these mantels are up to standard as is taken with the most expensive design. In no particular is the quality sacrificed to enable us to make you a close price, but by our excellent system of buying we are enabled to more than meet all competition.

This mantel of delicate design is made 7 feet high and 5 feet wide. It has a large beveled plate miror 16x28 inches square. The main shelf besides being roomy presents a neat, compact appearance and is supported by two beautiful brackets. The upper shelf is massive in appearance, neatly coved and supported by the long columns. We call your special attention to the elaborate capitals on the mantel and to the handsome ornaments on either side of the glass.

Mantel **BM 21102**, without tile or grates **$19.70**

Mantel **BM 21102**, including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile), but no grate. **$25.95**

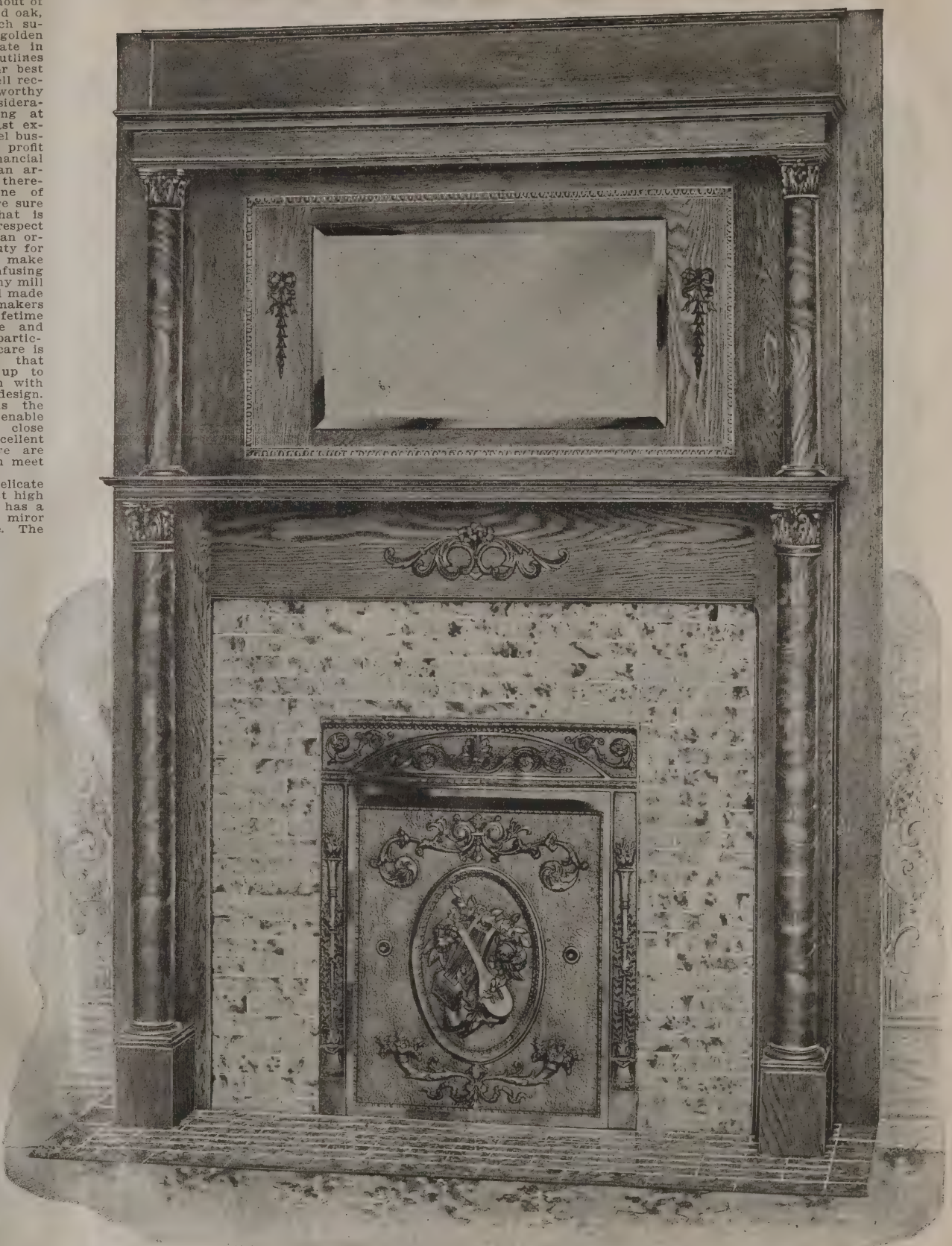
Mantel **BM 21102**, including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile) and our Excelsior combination coal and wood burning grate **$28.30**

(If summer front is desired add $1.00 net.)

Mantel **BM 21102**, including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile) and the M-W Chicago Mounted Buckeye coal and wood burning grate, including summer front **$34.10**

Mantel **BM 21102**, including tile as above and our high grade Majestic Mounted coal and wood burning grate, including summer front **$40.05**

Mantel **BM 21102**, with tile as described above and our Columbia frame and summer front, to be used where a dummy mantel is desired, of handsome design and beautifully finished in an oxidized copper finish.....**$28.95**



Design BM-21102

Mantel **BM 21102**, with tile as above and our Perfection gas grate in oxidized copper finish.....**$34.10**

(In ordering this grate please specify whether for natural or artificial gas.)

Mantel

Design BM 21103

BM 21103.

An Exceptional Bargain at $18.15.

Did you ever stop to consider the numerous advantages that we have over the small dealers scattered throughout the country? Owing to our great success in the mail order field and our enormous sales we can buy up the output of various factories and by having all goods shipped to our warehouses in carloads and trainloads, we can save an exceedingly large amount of money annually, that otherwise would go to pay excessive freight charges. And this is not all. By buying in large quantities we are assured of receiving nothing but first class goods at bottom prices. It has been our practice in the past to give our customers the benefit of these close prices, relying on our large sales to make up what we lose by cutting down the percentage of profit. Our steadily increasing business has shown us that this is the right course to pursue.

The argument advanced above is fully corroborated when one compares the mantel we are offering here with any of similar design and quality offered by other dealers. We invite comparison because we know that in so doing we have nothing to lose and a great deal to gain.

For **$18.15** we are here offering you a mantel that is made throughout of carefully selected oak, entirely free from imperfections of every kind and thoroughly seasoned and dried. It is finished in a high grade flow finish, golden oak shade, and presents a handsome appearance wherever set. The square posts used instead of columns add a touch of originality to this design that cannot fail to appeal to those who are looking for something a little out of the ordinary. The mirror is a heavy beveled plate 16x28 inches, and is set with neat panels on either side. The tile opening is 36 inches wide and 36 inches high and the tile projection is 4¾ inches. The mantel is 6 feet 8 inches high and 5 feet wide.

Mantel **BM 21103,** without tile or grates. **$18.15**

Mantel **BM 21103,** including best quality enameled tile for hearth and facings, of various colors (or non-crazing unglazed tile) but no grate..... **$24.40**

Mantel **BM 21103,** including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile) and our Excelsior combination coal and wood burning grate..... **$26.75**

(If summer front is desired add $1.00 net.)

Mantel **BM 21103,** including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile) and the M-W Chicago Mounted Buckeye coal and wood burning grate, including summer front **$32.55**

Mantel **BM 21103,** including tile as above and our high grade Majestic Mounted coal and wood burning grate, including summer front **$38.50**

Mantel **BM 21103,** with tile as described above and our Columbia frame and summer front, to be used where a dummy mantel is desired, of handsome design and beautifully finished in an oxidized copper finish.. **$27.40**

Mantel **BM 21103,** with tile as above and our Perfection gas grate in oxidized copper finish **$32.55**

(In ordering this grate please specify whether for natural or artificial gas.)

$18.15 to $38.50

De Beque, Colo., Nov. 26, '06.

Montgomery Ward & Co., Dear Sirs: In 1897 I painted my house with your ready mixed paint at a cost of about one-third less than I could buy any other paint for. The building has changed hands three times since then, but still has the same coat of paint on and in good condition. It is a trifle faded in color after 9 years, but never cracked or peeled off in the least.

Your paint is the best I ever used.

I am ordering some more paint today. Please get it here as soon as possible. Yours respectfully, Harry W. Pierce.

Mantel from 15^{00} to 35^{35}

Design BM 21104

BM 21104.

In a great many cases a building is judged by those articles tending toward its ornamentation, that are most conspicuous. One of these is the mantel. For this reason we strongly urge that great care be taken in selecting any mantel for a new building and that the reputation of the dealer as well as the price be carefully considered. We have been supplying our patrons with mantels for a great many years and have been extremely successful in giving satisfaction. This is proof positive that not only are our prices right but our goods are high-grade, up-to-date in every respect and our selection such that every taste can be catered to. Before making shipment all mantels, tile and grates leaving our warehouse must pass the inspection of our examiners, thereby insuring our customers against receiving goods that are not up to standard. The cause of nine-tenths of all complaints received by large shippers is to be found in the fact that the goods are simply taken out of stock, tagged and shipped without being looked over thoroughly. Having early realized the importance of thorough inspection, we have for years had a trained corps of inspectors in our employ, who are personally held responsible for the perfect condition of the goods they pass on. We are not infallible—nor is any other man—but we try to do our best and we flatter ourselves that we have been very successful in reducing complaints to a minimum.

The mantel shown on the opposite page is made entirely of oak and finished in a rich golden oak in a high grade flow finish. The height is 6 feet 8 inches and the width 5 feet. The tile opening is 36x36 inches and the tile projection 3 inches. It has a heavy beveled plate mirror 14x24 inches and neat columns 2¾ inches in diameter, veneered with the choicest of quarter-sawed oak. This mantel is rather a tasty design and will meet with the approval of all who appreciate a neat design at very low cost.

Mantel **BM 21104** without tile or grates **$15.00**

Mantel **BM 21104**, including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile), but no grate **$21.25**

Mantel **BM 21104**, including best quality enameled tile for hearth and facing of various colors (or non-crazing unglazed tile) and our Excelsior combination coal and wood burning grate. **$23.60**

(If summer front is desired add $1.00.)

Mantel **BM 21104**, including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile) and the M-W Chicago Mounted Buckeye coal and wood burning grate, including summer front. . . . **$29.40**

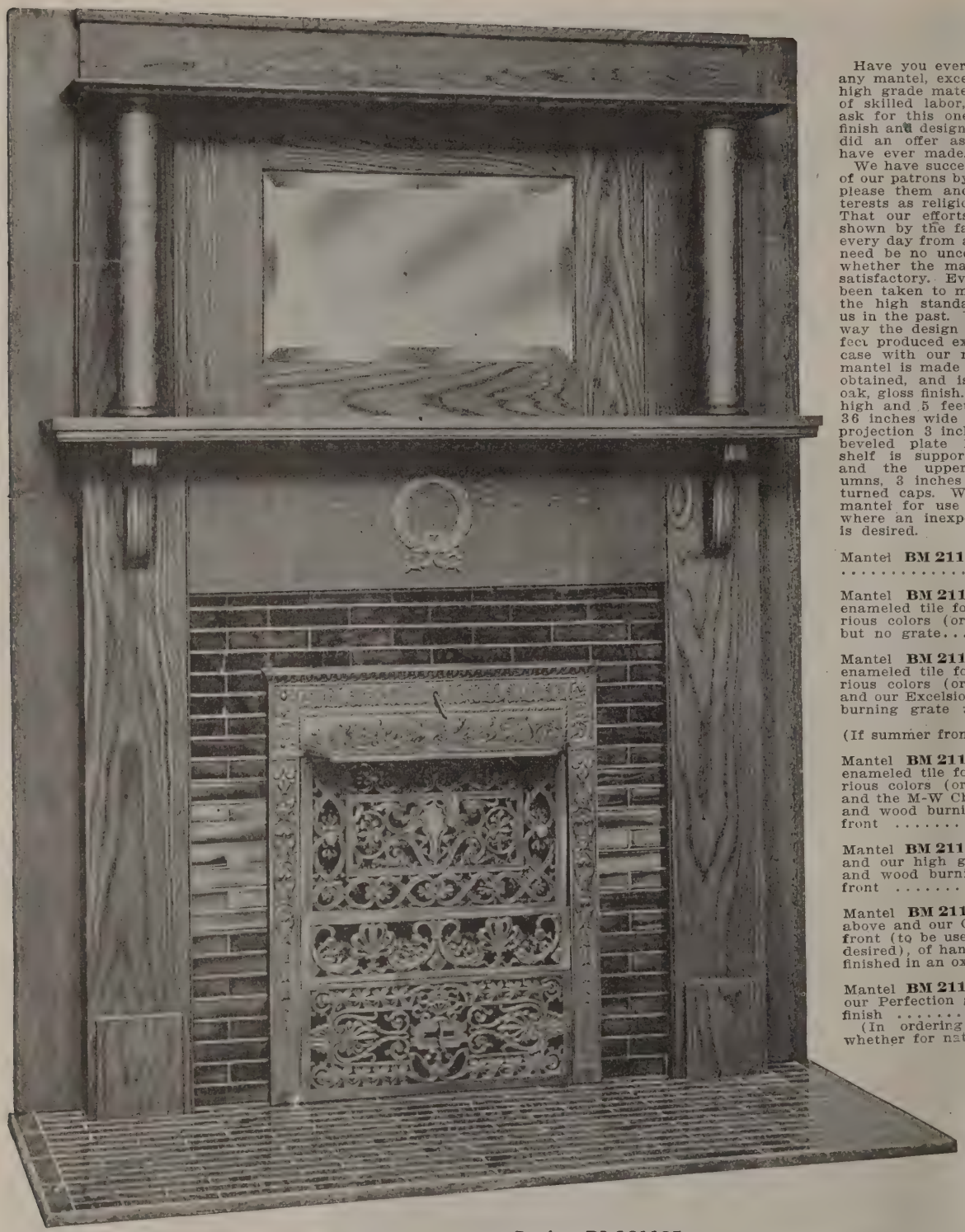
Mantel **BM 21104**, including tile as above and our high grade Majestic Mounted coal and wood burning grate including summer front **$35.35**

Mantel **BM 21104**, with tile as described above and our Columbia frame and summer front, to be used where a dummy mantel is desired, of handsome design and beautifully finished in an oxidized copper finish. **$24.25**

Mantel **BM 21104**, with tile as above and our Perfection gas grate in oxidized copper finish. . **$29.40**

(In ordering this grate please specify whether for natural or artificial gas.)

Mantel $12.85 to $33.20



Design BM21105

BM 21105.

Have you ever had an opportunity to buy any mantel, except perhaps a base, made of high grade material throughout by the best of skilled labor, at any such figure as we ask for this one? We think not. Quality, finish and design considered, this is as splendid an offer as we, or any other dealer, have ever made.

We have successfully gained the confidence of our patrons by endeavoring at all times to please them and by safeguarding their interests as religiously as we would our own. That our efforts have been appreciated is shown by the fact that orders are received every day from all parts of the world. There need be no uncertainty on your part as to whether the mantel shown here will prove satisfactory. Every possible precaution has been taken to make this design come up to the high standard set and maintained by us in the past. While not elaborated in any way the design is neat and the general effect produced extremely pleasing. As is the case with our more expensive designs this mantel is made of the best oak that can be obtained, and is finished in a rich golden oak, gloss finish. It is made 6 feet 5 inches high and 5 feet wide. The tile opening is 36 inches wide and 36 inches high and the projection 3 inches. The mirror is a heavy beveled plate 14x24 inches. The main shelf is supported by handsome brackets and the upper shelf by veneered columns, 3 inches in diameter, set with neat turned caps. We can well recommend this mantel for use in any room in the house where an inexpensive yet attractive design is desired.

Mantel **BM 21105,** without tile or grates, ... **$12.85**

Mantel **BM 21105,** including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile) but no grate..... **$19.10**

Mantel **BM 21105,** including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile) and our Excelsior combination coal and wood burning grate **$21.45**

(If summer front is desired add $1.00 net.)

Mantel **BM 21105,** including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile) and the M-W Chicago Mounted Buckeye coal and wood burning grate, including summer front **$27.25**

Mantel **BM 21105,** including tile as above and our high grade Majestic Mounted coal and wood burning grate including summer front **$33.20**

Mantel **BM 21105,** with tile as described above and our Columbia frame and summer front (to be used where a dummy mantel is desired), of handsome design and beautifully finished in an oxidized copper finish.. **$22.10**

Mantel **BM 21105,** with tile as above and our Perfection gas grate in oxidized copper finish **$27.25**

(In ordering this grate please specify whether for natural or artificial gas.)

Oregon, Wisc., Feb. 28, 1907.

Montgomery Ward & Co.: Received my goods, all exactly as advertised and perfectly satisfactory. The Morris Reclining Chair you sent me as my Free Premium is certainly a dandy, and is equal to any $9.00 or $10.00 chair in our home furniture store. It cost me just 25 cents.

Yours truly,
Wayne Thornton.

May 13, 1907.

Montgomery Ward & Co.: Last summer we had use for a large amount of goods of all kinds, and by means of your Dividend Certificate plan and Free Premiums, we received many useful presents, including six cane seated chairs, one Morris chair, two fine hand bags, one suit of clothes, one nice air-tight heater, (my best friend last winter) and now I send in Dividend Certificates for an oil stove, and you may believe I am well satisfied.

Yours truly,
Charles Wall, Sabula, Iowa.

Charleston, Ill., Dec. 28, 1906.

Montgomery Ward & Co., Gentlemen: It is one year tomorrow since we received our Imperial Windsor Range. The wife has been perfectly delighted with it ever since We say it cannot be beaten in the essential points. It is not only a beauty but is also the finest cooker and a fuel saver. It is of large size, and the cost set up in my kitchen is less than $20.00. Why don't everybody get their stoves of you?

Yours truly,
James Butler.

Mantel $20.30 to $40.65

BM 21106.

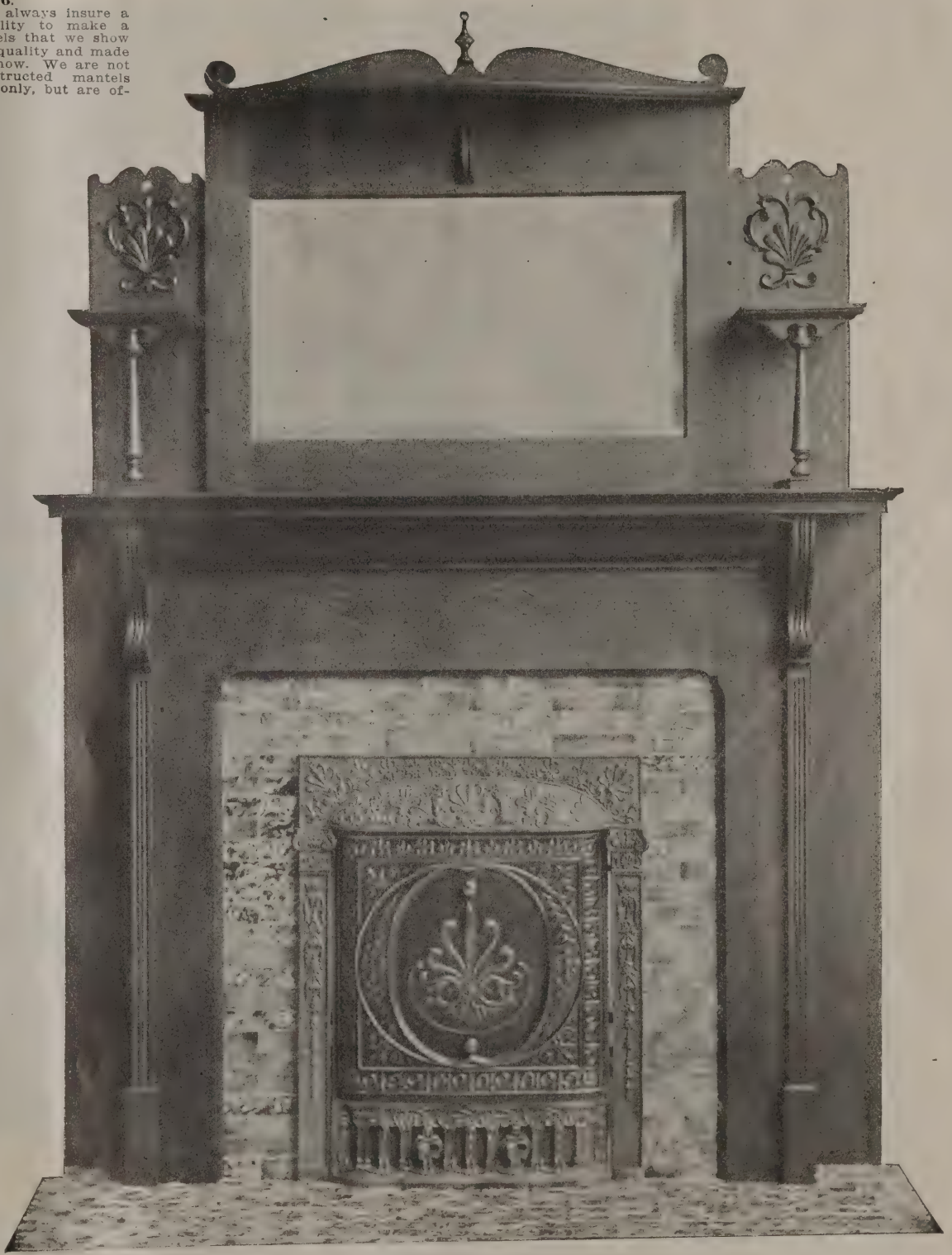
A low price does not always insure a bargain. It takes quality to make a value great. The mantels that we show here are of the highest quality and made for service as well as show. We are not offering cheaply constructed mantels made for sale purposes only, but are offering mantels of such character as will meet with the approval of the most discriminating and experienced buyer. Our goods are of the trade-making kind and herein lies the keynote of our rise in the mail-order business from a small beginning to the mammoth enterprise that our business is to-day. Dependability of goods and attractiveness of price are the features that make our customers call on us for anything they may need. Our ability to buy up the entire output of various manufacturers places us in a position to quote you prices that completely bars all competition. Moreover we dispose of all of our goods, have no "shop-worn" stock and are up to the minute in style.

Take, for instance, the mantel shown on the opposite page, where can you obtain a mantel that is as well made, as attractive in appearance and as up to date as this one, except at a material advance in price? This mantel justifies everything we say for it and as a bargain is certainly in a class by itself.

This mantel is made 7 feet high and 5 feet wide, and has a heavy bevel plate mirror 18x32 inches. The tile opening is 36x36 inches and the tile projection 4 inches. The stock used is carefully selected solid oak, free from all blemishes, knots and imperfections of every kind. It is finished in a beautiful golden oak in a high grade flow finish. Particularly note the arrangement of the shelves so set that the mantel may be trimmed up with pieces of bric-a-brac and be given a cozy homelike appearance. There is nothing cheap about this mantel, the outlines are graceful, the proportions correct and the design in general of the most approved type.

Mantel **BM 21106**, without tile or grates. **$20.30**

Mantel **BM 21106**, including best quality enameled tile for hearth and facing of various colors (or non-crazing unglazed tile, but no grate. **$26.55**



Design BM 21106

Mantel **BM 21106**, including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile) and our Excelsior combination coal and wood burning grate. **$28.90**
(If summer front is desired add $1.00 net.)

Mantel **BM 21106**, including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile) and the M-W Chicago Mounted Buckeye coal and wood burning grate, including summer front **$34.70**

Mantel **BM 21106**, including tile as above and our high grade Majestic Mounted coal and wood burning grate including summer front. . . . **$40.65**

Mantel **BM 21106**, with tile as described above and our Columbia frame and summer front (to be used where a dummy mantel is desired), of handsome design and beautifully finished in an oxidized copper finish. . . . **$29.55**

Mantel **BM 21106**, with tile as above and our Perfection gas grate in oxidized copper finish. **$34.70**

(In ordering this grate please specify whether for natural or artificial gas.)

Mantel from $16.90 to $37.25

BM 21107.

A Pace Setter Without an Equal.

There is no subject of greater interest to man than that of money, how to make it and how to save it. We may not be able to tell you how to make money, but we can and will tell you how to save it. We contend that we accomplish more good than any of our competitors through our ability to save money for our customers. We place the consumers on an equal basis with the dealer, by concentrating our buying and cutting down our expenses to such an extent that we are able to offer goods at prices equal to and often lower than those of some manufacturers. With this opportunity for saving money before you, are you going to continue to buy in the old manner? Ours is strictly a modern method of doing business operated in such a way as to eliminate every possible expense and putting us in a position to satisfy a demand for every commodity at a closer price than has heretofore been possible. The fact that most of our customers, who began buying from us early in our career, are still with us shows conclusively that our goods as well as our prices are right, and that our method of buying and selling is the correct one.

The mantel we show here is one of the best of our new designs, is unique in appearance and well-balanced throughout. There is no mantel on the market today that will surpass or even equal this for simplicity of design and graceful outlines, unless it be at a figure so much higher as to bar comparison.

This mantel is made of thoroughly seasoned and dried oak, is 6 feet 1 inch high and 5 feet wide. It has a heavy oval beveled plate mirror 12x40 inches. The width of the tile opening is 36 inches and the height 36 inches. The tile projection is 4 inches. The large main shelf is supported by two massive brackets neatly carved. With the exception of the carving on the frieze above the tile and those above the mirror it has no ornaments to make it conspicuous, the design being of such character that it needs no elaboration to make it attractive. The finish is a beautiful golden oak in a superior flow finish.

Design BM 21107

Mantel **BM 21107,** without tile or grates.....**$16.90**

Mantel **BM 21107,** including best quality enameled tile for hearth and of various colors (or non-crazing unglazed tile), but no grate.....**$23.15**

Mantel **BM 21107,** including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile), and our Excelsior combination coal and wood burning grate.....**$25.50**
(If summer front is desired add $1.00.)

Mantel **BM 21107,** including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile), and the M-W Chicago Mounted Buckeye coal and wood burning grate, including summer front.....**$31.30**

Mantel **BM 21107,** including tile as above and our high grade Majestic Mounted coal and wood burning grate, including summer front.....**$37.25**

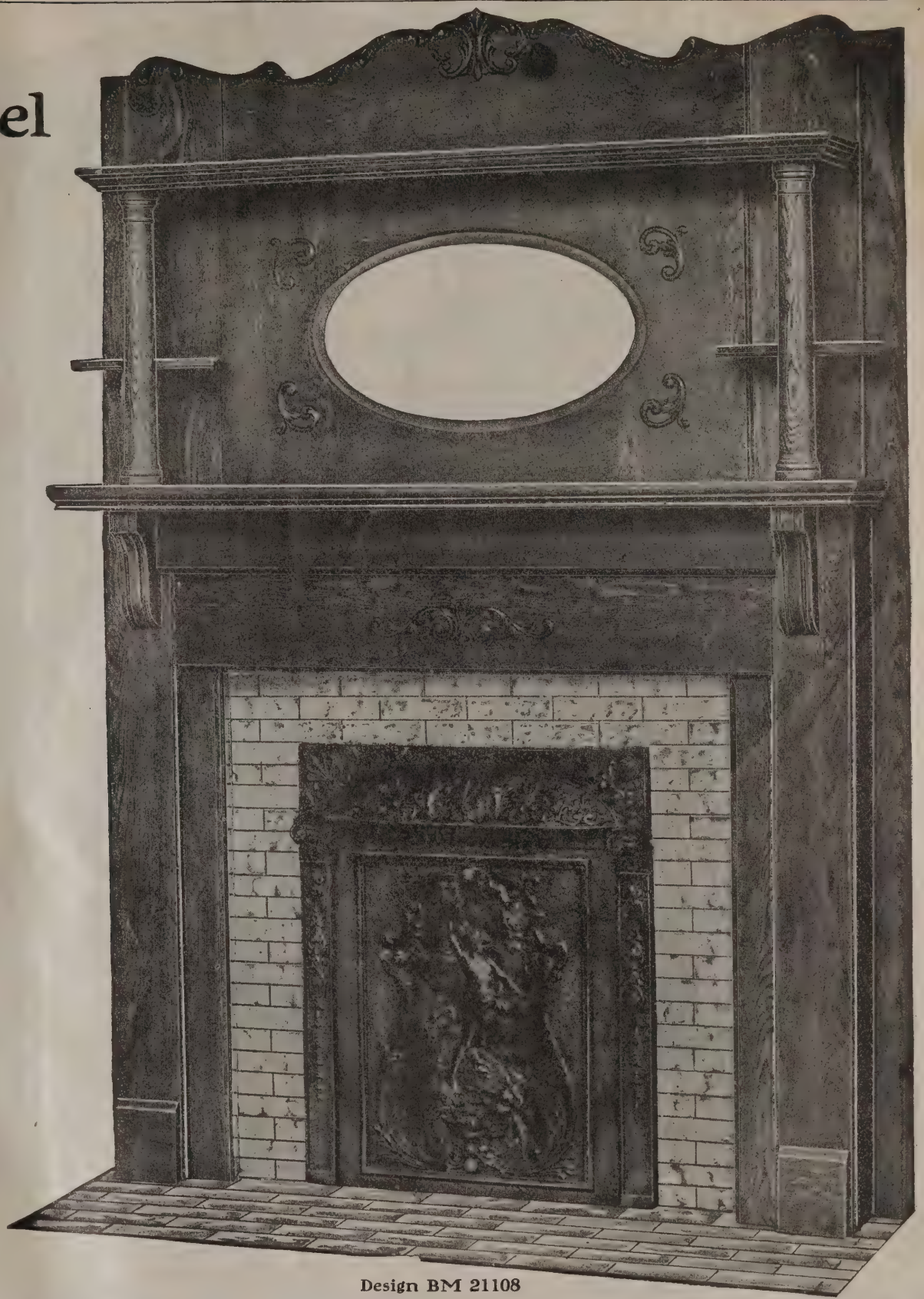
Mantel **BM 21107,** with tile as described above and our Columbia frame and summer front (to be used where a dummy mantel is desired) of handsome design and beautifully finished in an oxidized copper finish.....**$26.15**

Mantel **BM 21107,** with tile as above and our Perfection gas grate in oxidized copper finish.....**$31.30**

(In ordering this grate please specify whether for natural or artificial gas.)

Mantel

from $14.10 to $34.45



Design BM 21108

BM 21108.

Which will you have, a mantel of quality that keeps its appearance indefinitely, a mantel so nicely proportioned that you are sure of getting an attractive design, or a mantel with no standard to maintain that is made to sell at a small price and shows lack of proper care and experience in its general construction.

Our mantels have long been known for their quality and handsome appearance, and it is well worth your while to investigate the inducements we are offering in this line. In buying mantels the purchaser is likely to become so interested in trying to decide on a design as to forget entirely the question of workmanship, finish, etc. This is a mistake, for in mantels, as well as anything else, this is of most vital importance. When buying of us, you have the assurance that your interests are safeguarded in every possible way and that the goods we ship you will be exactly as described in our catalogue.

This beautiful mantel, made entirely of the best solid oak that money can buy and finished in a rich gloss finish, golden oak shade, is without question the most striking value we have ever put on the market. Note the novel arrangement of the small shelves, and the handsomely veneered columns between them. This design is especially popular with people of discriminating taste who care about the little things which add to the appearance of a design of this character and who still do not care to go to any great expense in procuring a mantel. The height is 6 feet 7 inches and it is 5 feet wide. The opening for the tile is 36x36 inches and the tile projection is 4 inches. The mirror is a heavy bevel plate oval 14x24 inches. The beautiful carvings along the top-board around the mirror and on the frieze above the tile add a great deal to the beauty of the mantel and at the same time do not give the impression of being overdone.

Mantel **BM 21108,** without tile or grates.....**$14.10**

Mantel **BM 21108,** including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile), but no grate.**$20.35**

Mantel **BM 21108,** including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile), and our Excelsior combination coal and wood burning grate.....**$22.70**

(If summer front is desired add $1.00 net.)

Mantel **BM 21108,** including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile), and the M-W Chicago Mounted Buckeye coal and wood burning grate, including summer front **$28.50**

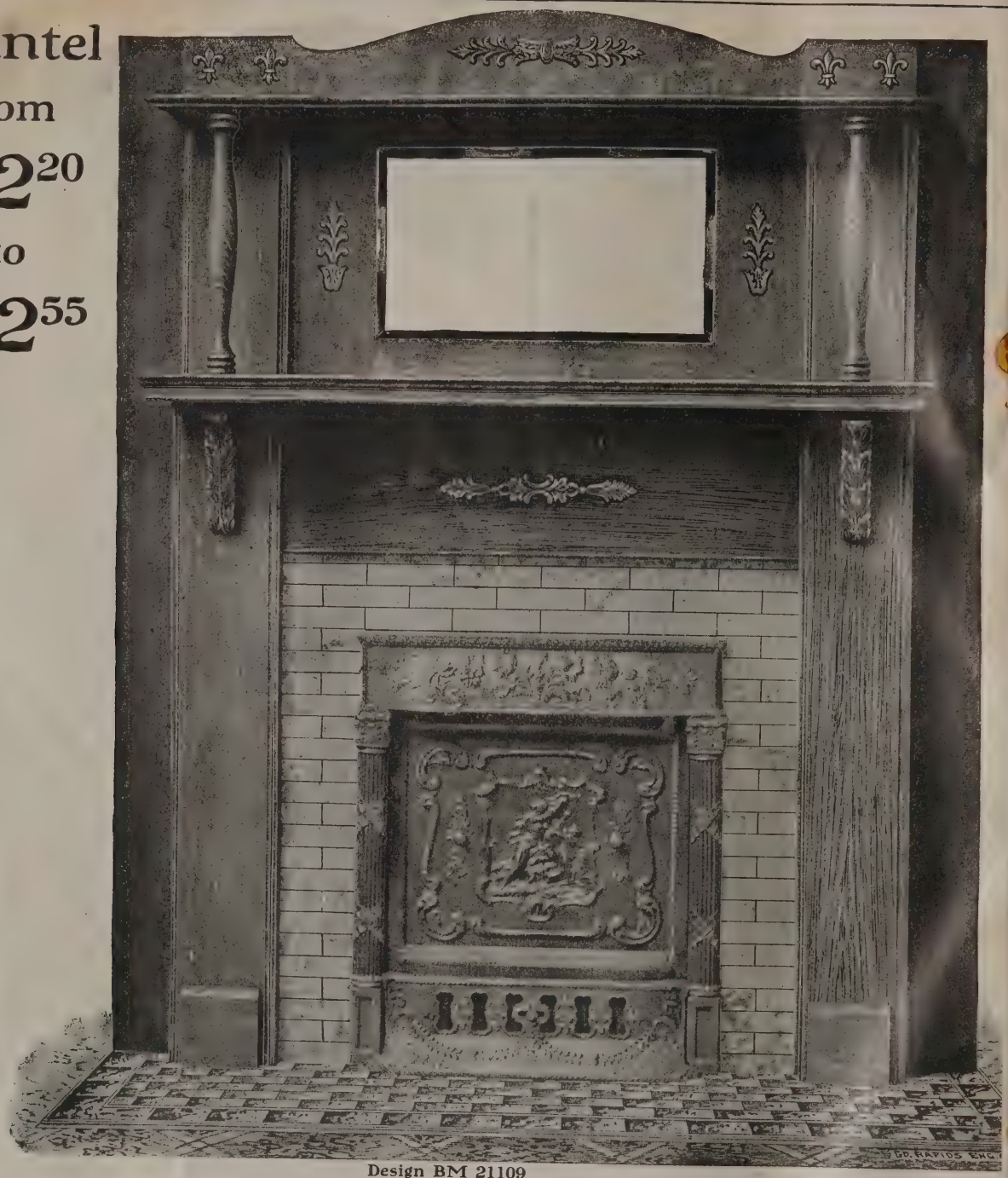
Mantel **BM 21108,** including tile as above and our high grade Majestic Mounted coal and wood burning grate, including summer front.....**$34.45**

Mantel **BM 21108,** with tile as described above and our Columbia frame and summer front (to be used where a dummy mantel is desired) of handsome design and beautifully finished in an oxidized copper finish.....**$23.35**

Mantel **BM 21108,** with tile as above and our Perfection gas grate in oxidized copper finish.....**$28.50**

(In ordering this grate please specify whether for natural or artificial gas.)

Mantel from $12.20 to $32.55



Design BM 21109

One of the things that does most towards beautifying a home is the mantel and it is also a thing that the average person knows less about than he thinks he does. Still it is a subject of vital importance and no house owner can afford to refuse suggestions in regard to it. We are in a position and willing to give you any suggestion that will aid you. While you may know little about mantels this is no reason why you should be made to pay excessive prices for these goods. Nor do you need to, if you will take time to carefully examine the designs shown in this book. Not only do we sell mantels closer than any of our competitors but our goods can be relied on, our service is prompt, and our treatment fair in all cases. It is our ability to curtail expenses at every turn, our up-to-date system of buying and selling and our method of handling our shipments that permits us to make prices so much lower than our competitors that our customers save about one-half when buying from us. Our high standing in the business world has long since been established and we cannot afford to jeopardize it by marketing goods that will not prove reliable.

The mantel shown here is appropriate for any room in the house and will prove a handsome ornament wherever set. Made throughout of the best oak that it is possible to obtain and finished a rich golden oak, in a high grade flow finish, the impression it gives is extremely favorable. It is 6 feet 2 inches in height and 4 feet 6 inches or 5 feet wide.

The mirror is 14x24 inches and is a heavy bevel plate. The tile opening is 36 inches square and the tile projection 3 inches. The main shelf is supported by two handsomely carved brackets and the upper shelf by gracefully tapered columns. While not an elaborate mantel it is altogether a neat design and is sold at a price well within the reach of everyone.

Mantel **BM 21109,** without tile or grates.....**$12.20**

Mantel **BM 21109,** including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile), but no grate.**$18.45**

Mantel **BM 21109,** including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile), and our Excelsior combination coal and wood burning grate.....**$20.80**

(If summer front is desired add $1.00 net.)

Mantel **BM 21109,** including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile), and the M-W Chicago Mounted Buckeye coal and wood burning grate, including summer front **$26.60**

Mantel **BM 21109,** including tile as above and our high grade Majestic Mounted coal and wood burning grate, including summer front.....**$32.55**

Mantel **BM 21109,** with tile as described above and our Columbia frame and summer front (to be used where a dummy mantel is desired) of handsome design and beautifully finished in an oxidized copper finish.....**$21.45**

Mantel **BM 21109,** with tile as above and our Perfection gas grate in oxidized copper finish.....**$26.60**

(In ordering this grate please specify whether for natural or artificial gas.)

Mantel from $7.85 to $28.20

Design BM 21110

BM 21110.

In the mail order business, as in almost every other sphere of activity, enthusiasm radiates a powerful influence for good. We never tire of preaching the doctrine of low price. We are enthusiastic on the subject because we are essentially a low-priced house, a house where the product of only the most skilled workmen is handled. By skilled workmen we mean those who can produce goods that will come up to the high standard set by the American public. We are certainly justified in waxing enthusiastic over this mantel offered at the price we quote above. Only our ability to obtain concessions in price, both in this country and abroad, and our position as large mantel dealers enables us to sell this mantel at such a record-breaking figure. We say record-breaking for no dealer or mail-order house has ever offered a mantel that will equal this in quality or design at the price we ask for it. Unscrupulous competitors have attempted to introduce inferior imitations of this mantel, but to our everlasting credit it may be said that they have never been able to equal it as regards price.

It is perhaps needless for us to say that our designers are artists in their line and, therefore, you need have no fear that this mantel will prove inappropriate. There is no reason why any home should be without a mantel when such a bargain as this is offered.

This mantel is made of carefully selected oak and is finished in a rich golden oak in our superior flow finish. It has neat appearing columns 4 inches in diameter set on small pedestals and supporting a commodious shelf. The height is 4 feet 6 inches and the width 4 feet 6 inches or 5 feet. The tile opening is 36 inches wide and 36 inches high and the projection is 4 inches.

Mantel **BM 21110,** without tile or grates.....**$7.85**

Mantel **BM 21110,** including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile), but no grate..**$14.10**

Mantel **BM 21110,** including best quality enameled tile for hearth and facing of various colors (or non-crazing unglazed tile), and our Excelsior combination coal and wood burning grate.....**$16.45**

(If sumer front is desired, add $1.00.)

Mantel **BM 21110,** including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile), and the M-W Chicago Mounted Buckeye coal and wood burning grate, including summer front **$22.25**

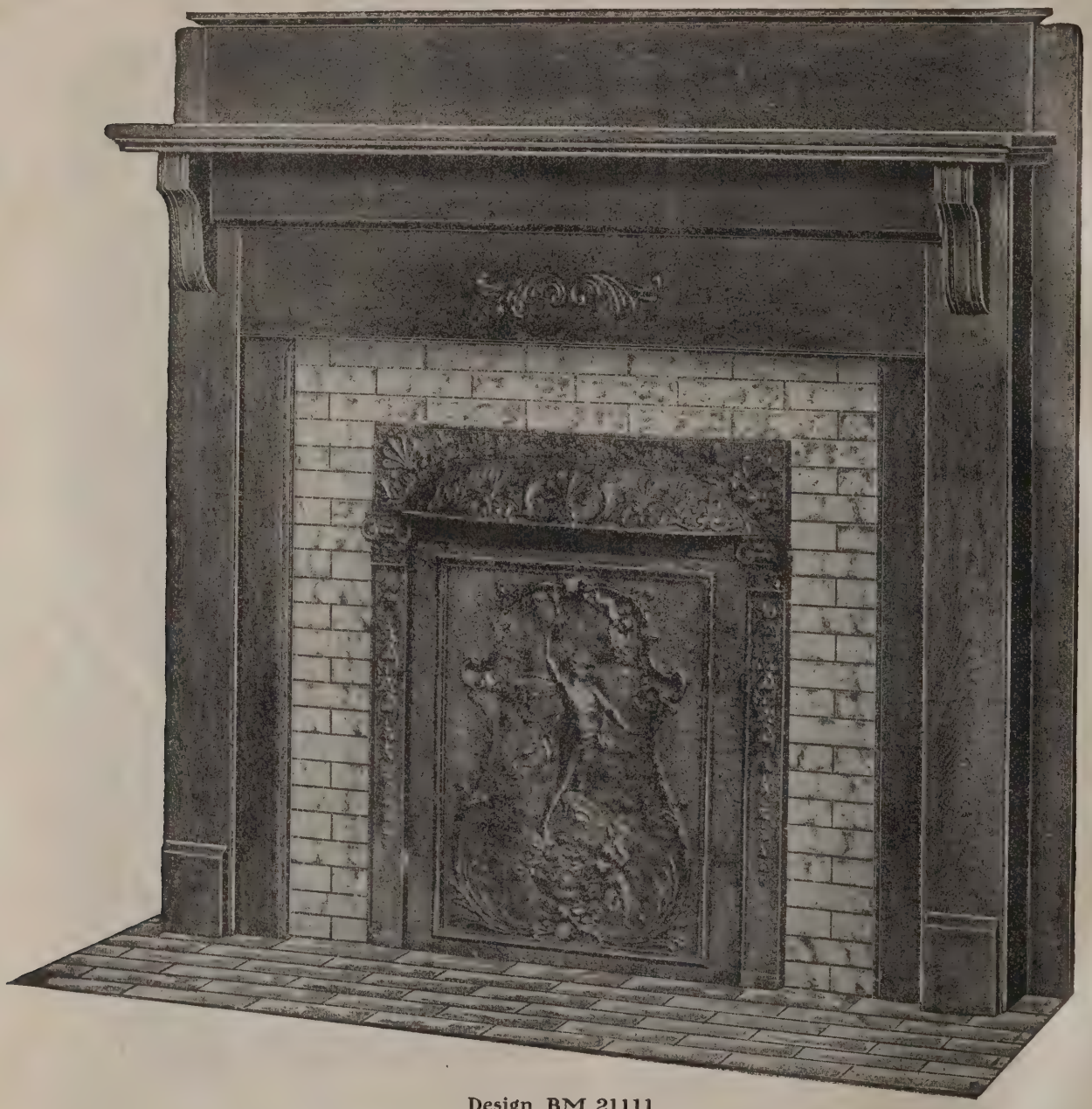
Mantel **BM 21110,** including tile as above and our high grade Majestic Mounted coal and wood burning grate, including summer front.....**$28.20**

Mantel **BM 21110,** with tile as described above and our Columbia frame and summer front (to be used where a dummy mantel is desired) of handsome design and beautifully finished in an oxidized copper finish....**$17.10**

Mantel **BM 21110,** with tile as above and our Perfection gas grate in oxidized copper finish.....**$22.25**

(In ordering this grate please specify whether for natural or artificial gas.)

Mantel from $5.65 to $26.00



Design BM 21111

BM 21111.

From **$5.65** up. Think of it. (No such bargains as this have ever before been offered.) This mantel for half what others would charge you for this mantel, including best quality enameled tile (or non-crazing unglazed tile) for hearth and facing and a coal and wood burning grate for the same price that others would charge you for the mantel only. Why pay an excessive price or support several "go-betweens" when you can effect so great a saving by buying direct from us? We can make you this offer because we are in a position to buy our supplies in such large quantities that we obtain inside prices on all the materials we use. Remember we do not sacrifice the quality of our goods to enable us to sell them at so ridiculously low a figure, but we find that the returns from a large volume of sales at a small profit are greater than those of a small volume of sales at a large percentage of profit.

Every piece of lumber and other material used in the construction of this mantel is subjected to a thorough examination before being used. No material that is not up to standard is passed by the factory examiners, and every effort is made to make these mantels first class in every way.

This mantel is made of solid oak carefully selected and is finished only in a rich golden oak in our superior flow finish. The height is 4 feet 6 inches and the width 4 feet 6 inches or 5 feet. The tile opening is 36 inches wide and 36 inches high and the tile projection is 4 inches.

Mantel **BM 21111**, without tile or grates.....**$5.65**

Mantel **BM 21111**, including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile), but no grate..**$11.90**

Mantel **BM 21111**, including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile), and our Excelsior combination coal and wood burning grate.....**$14.25**

(If summer front is desired add $1.00.)

Mantel **BM 21111**, including best quality enameled tile for hearth and facing, of various colors (or non-crazing unglazed tile), and the M-W Chicago Mounted Buckeye coal and wood burning grate, including summer front **$20.95**

Mantel **BM 21111**, including tile as above and our high grade Majestic mounted coal and wood burning grate including summer front.....**$26.00**

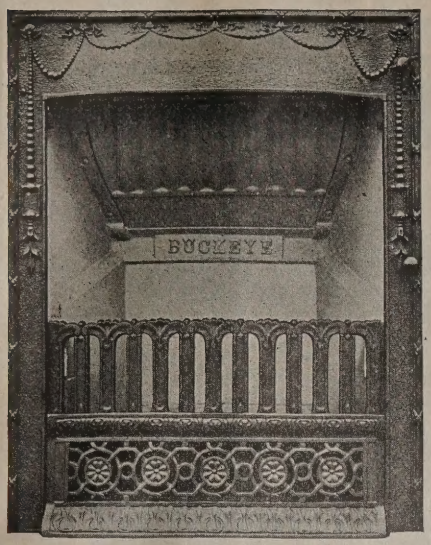
Mantel **BM 21111**, with tile as described above and our Columbia frame and summer front (to be used where a dummy mantel is desired) of handsome design and beautifully finished in an oxidized copper finish....**$14.90**

Mantel **BM 21111**, with tile as above and our Perfection gas grate in oxidized copper finish.....**$20.95**

(In ordering this grate please specify whether for natural or artificial gas.)

Grates

OUTFIT NO. 1.



Interior View of No. BM 21380, Combination Grate.
Showing how Basket Hangs on Frame.

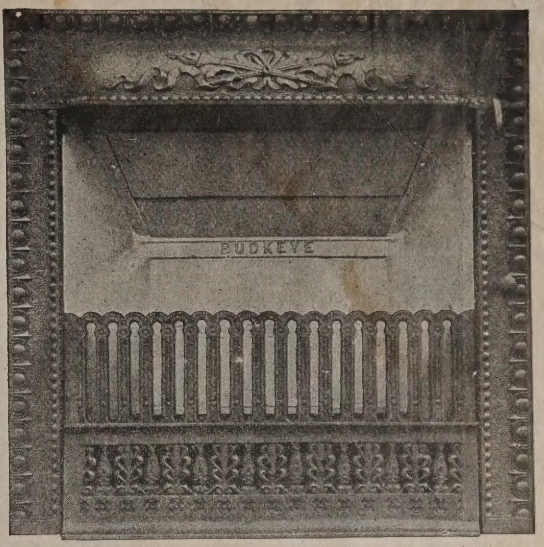
BM 21380—Combination Grate, wrought iron finish, without summer front.
Net price (grate only) without tile. **$2.35** F. O. B. Chicago.
Shipping weight 85 pounds.

Montgomery Ward & Co.

Gentlemen: I can endorse your printed statement that your Windsor Hot Blast Heater gives perfect economy of fuel and heat, is neat and low priced.

Yours truly,
J. A. BEAM.
Yochow, Human, China.
Shipping point,
Shanghai.

OUTFIT No. 2.



Interior View of No. BM 21051 Chicago Mounted Buckeye Grate.

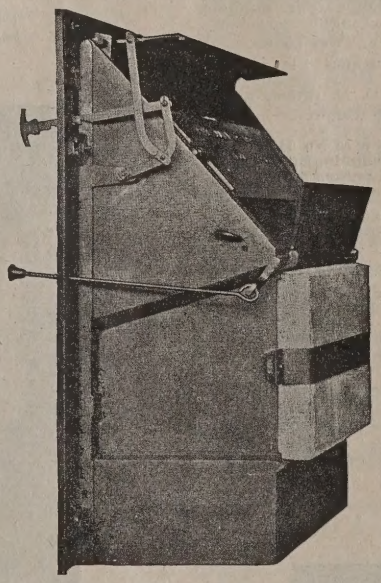
BM 21051—Chicago Mounted Buckeye Grate, wrought iron finish.
Net price (grate only) without tile F. O. B. Chicago **$8.15**
Shipping weight 200 pounds.

Brashear, Adair Co., Mo.,
Jan. 23. '07.

Montgomery Ward & Co.

Dear Sirs: By trading with you I can save 20 to 50 per cent. and I think that ought to be some inducement to send to you, and your fair treatment makes it safe to do so.

Yours,
H. D. MASON.



Side View of No. BM 21051 Chicago Mounted Buckeye Grate.
Showing double draft damper arrangement.

The Chicago Grate. Pat. July 19, 1892. A good serviceable double draft grate, single basket front, suitable for soft coal, hard coal or wood; has tile fire back, iron sides to air chamber which prevent burning out, made with dumping bottom. The back bar and trunions in these grates are not protected as in the Majestic.

For a medium priced fireplace, they have no equal in either finish, construction or weight.

All made with our patented loose cross piece, which prevents cracking or warping.

All mounted ready for use, one grate in a case.

504 North 22d. St.,
Omaha, Neb.

Montgomery Ward & Co.

My goods arrived in good order and quality just as represented in your catalogue. Accept my thanks for the painstaking care with which my order was filled.

Yours truly,
MRS. S. E. ROGERS.

Front View of BM 21380 Combination Grate.
Showing Summer Front in Position.
24½ inches wide, 30¼ inches high; fire basket 20 inches wide, 7 or 9 inches deep.

Outfit No. 1 consists of:

Fireplace—No. BM 21380 Combination Grate; black wrought iron finish; 24½ inches wide, 30¼ inches high, with 20 inch Berlin black basket, 7 or 9 inches deep, without summer front.
Facing—Best quality enameled tile (any color).
Hearth—**60x18** inches; best quality enameled tile (any color).
If summer front is wanted with Outfit No. 1 add $1.00 net extra.
This outfit can also be had with plated frame and summer front for $1.00 net extra.

Montgomery Ward & Co.

I want to thank you for your generous and square dealings with me. I don't think there is another house in the land would have done as fair as you have done.

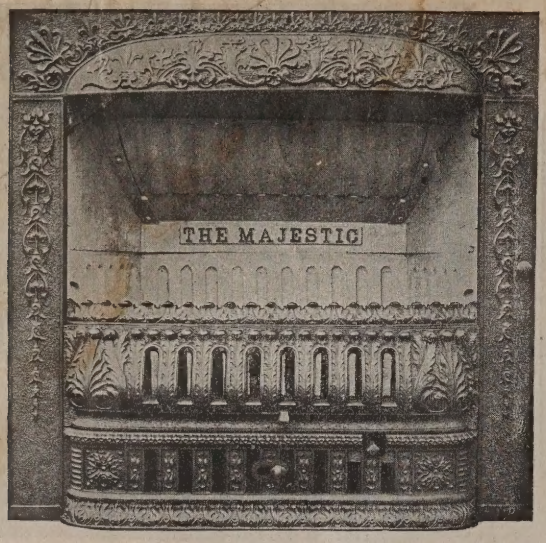
JOHN HANCOCK.
Glenburn, N. Dak.

Front View of No. BM 21051 Chicago Mounted Buckeye Grate.
Showing Summer Front in Position.
24½ inches wide, 30¼ inches high. Fire-pot 20 inches wide, 12 inches deep.

Outfit No. 2 consists of:
Fireplace—No. BM 21051 Chicago Mounted Buckeye Grate, black wrought iron finish, 24½ inches wide, 30¼ inches high, 20 inch fire-pot, 12 inches deep, with dumping bottom.
Facing—Best quality enameled tile (any color).
Hearth—60x18 inches; best quality enameled tile (any color).
Outfit No. 2 can also be had 30½ inches wide, 30¼ inches high. Fire-pot 24 inches wide, 12 inches deep for $1.50 net extra. Frame and Summer front on outfit No. 3, can also be had in plated finish for $1.50 net extra.

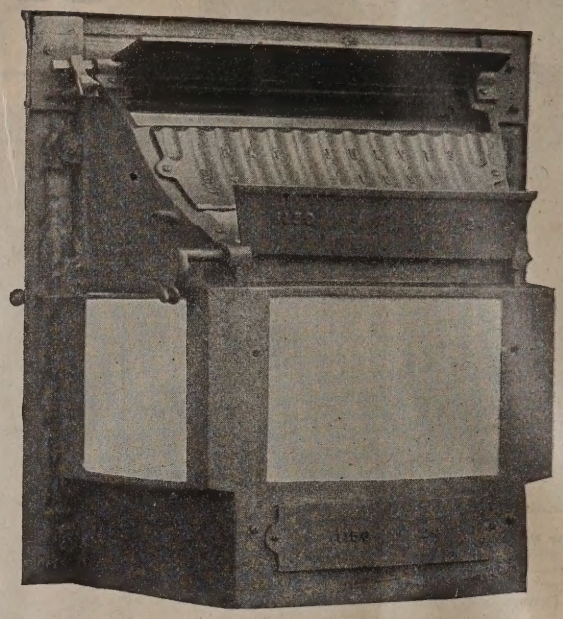
Grates

OUTFIT No. 3.



Interior View of No. BM 21115 Majestic Grate. Plated Finish.

BM 21115—Majestic Grate, 24½ inches wide, 30¼ inches high.
Net price (grate only) without tile.....**$14.10** F. O. B. Chicago.
Shipping weight 225 pounds.



Side View of Back, No. BM 21115 Majestic Grate. Outfit No. 3.
Showing Damper arrangement, Fire Tile and general Construction.

OUTFIT No. 4.

No. **BM 21491** Combination Frame and Summer Front, wrought iron finish.
Net price (grate only) without tile..**$3.00**

F. O. B. Chicago.
Shipping weight 50 pounds.

Front View of No. BM 21491 Steel Combination Frame and Summer Front.

Outfit No. 4 consists of:

Fireplace—No. BM 21491 Black Frame and Summer Front, 24½ inches wide, 30¼ inches high.

Facing—Best quality enameled tile (any color).

Hearth—60x18 inches; best quality enameled tile (any color).

This outfit is especially adapted for blind fireplaces.

Can also be had in plated finish for $2.00 extra.

OUTEIT No. 5.

BM 2928—Gas Grate

Size 24½x30¼ inches; five-row steel burner; deep or shallow back.

BM 2928—Gas Grate with summer front, but without tile F. O. B. Chicago **$8.15**

Outfit No. 5 consists of:

Fireplace—No. BM 2928, complete mounted gas grate and summer front, copper plated; 24½ inches wide; 30¼ inches high. This grate has copper reflecting sides and base; made with five-row steel burner; double hood; damper full width of back; operated by handle on top of grate. Has double ventilating back, which takes cold and foul air from the floor and passes through opening in back of chimney.

Facing—Best quality plain enameled tile.

Hearth—60x18 inches. Best quality plain enameled tile.

With 15 feet of gas per hour you can keep a room 14 feet square to a temperature of 70 degrees when the thermometer stands at 20 above zero. It will never burn out. It makes a good ventilator. In ordering state whether natural or artificial gas will be used.

Outfit No. 3 consists of

Fireplace—No. BM 21115 Majestic Mounted Grate, 24½ inches wide, 30¼ inches high; firepot 20 inches wide, 12 inches deep, with oxidized copper-plated cast frame, ash screen and summer front.

Facing—Best quality enameled tile (any color).

Hearth—60x18 inches, best quality enameled tile.
Outfit No. 3 can also be had 30½ inches wide, 30¼ inches high; firepot 24 inches wide, 12 inches deep, for $3.00 net extra.

Front View of No. BM 21115 Majestic Grate.
24½ inches wide; 30¼ inches high; firepot 20 inches wide, 12 inches deep, with shaking and dumping bottom.

AVERY LIBRARY

NEW SPECIAL CATALOGUES

EACH one of the following New Special Catalogues treats fully of its special subject, and contains all the latest, up-to-date things in its line; carefully illustrated, honestly described, and priced lower than the same high quality goods can be bought for anywhere else.

DON'T FAIL to send in your name for a New Special Catalogue on any line of goods you think of buying. Tell us which you want and it will be sent you at once, free and prepaid.

Grocery List Issued new every 60 days, complete and comprehensive illustrated price list of everything good to eat, from all over the world, at lowest prices for which high quality groceries were ever sold. Ask for a sample copy. If you wish to receive it regularly be sure to say so.

Seeds Our Special New Seed Catalogue of everything that grows in the ground, quotes such low prices on first grade field, grass, vegetable and flower seeds as to make it worth your while to place all your seed orders with us. Illustrated.

Paints Prepared paint for house, barn, fence, buggy, wagon, implements, roofs and all interior and exterior work of every kind, with complete *color card*. Lowest prices on varnishes, stains, water and oil mixed paints, calcimines, etc., fully guaranteed.

Roofing Prepared felt and metal roofing for every kind of building, at less price than shingles and far more durable. Tells how to buy and lay prepared roofing on any roof. There isn't another book like this that we know about.

Wall Paper We cut off pieces of the actual wall paper we want you to see and send you a whole bunch of new designs at lowest wholesale prices; also tell you how to measure your room for paper and how to do the papering.

Pianos This is a large, richly illustrated book fully describing in detail all the inside and outside of our splendid line of guaranteed pianos, sold to you at the lowest prices for which high-grade instruments were ever offered.

Men's Clothing Made to order and ready made. Heavy or light weight goods. Suits and overcoats. Actual samples of cloth, illustrations of latest seasonable styles, tape measure and order blank and directions for correct measurements. Fit and satisfaction guaranteed. Suits, $4.40 and up.

Youths' and Boys' Clothing Stylish and strong. Heavy or light-weight goods. Suits and overcoats. Illustrated. Order blank and directions for ordering. Fit and satisfaction guaranteed. Youths' suits, $3.50 and up. Boys' suits, $1.50 and up

Women's Apparel The catalogue of style for spring and summer of 1907. A bookful of beauty. All the gowns, wraps, millinery, etc., a woman loves, at prices any woman can afford.

Stock Foods and Stock Remedies Every farmer, stockman and liveryman needs this work. It is much more than a list of foods and remedies, treating of things of interest to all who own any stock.

Sewing Machines Every home can afford to have a new sewing machine at our low prices for standard, highest grade machines. Our special sewing machine catalogue is the finest ever issued by any one, and the prices it quotes are a revelation of economy.

Baby Carriages When you see our line of beauties, and read our low prices, you will understand why it is that we sell more baby carriages every year than does any other concern in the world.

Safes Standard make fireproof safes, in all sizes, for home, farm, store, office, creamery, bank, anywhere that papers and money are to be protected; prices very low.

Farm Wagons This special catalogue contains all the desirable things in wagons at lowest prices, for all purposes and every section of the country, from one-horse wagon to four-horse wagon with brake. The farmer, planter and ranchman finds his wagon needs here.

Cream Separators Of standard make, that you would buy of agents at twice our price; the very best and sweetest, and the cleanest skimmers by every test. Winners of St. Louis Gold Medal, yet sold by us cheaper than others ask for inferior makes. $24.85 up.

Trunks A complete line of trunks at the least prices for which good, strong trunks were ever sold. We sell the greatest number of trunks of any one concern in the world. Our trunk special catalogue will show you the reason why.

Mackintoshes Samples and styles.

Corduroy Samples showing colors and qualities.

Carpets and Rugs Also lace and other curtains, shades, linoleums, oil cloth, mattings, etc. Many of the pages are in the actual colors of the goods. A very complete book of things for beautifying the home at economy prices.

Vehicles Perhaps you remember that we are the only general supply house to manufacture vehicles in its own factory. We lead the world in buggies, surries, etc., sold to you at our factory price.

Implements An entirely new, up to season book, full of pictures and low prices; the latest labor-saving devices for preparing soil, sowing, seeding, planting, cultivating and harvesting any crop. Of value to every farmer.

Stoves and Ranges for heating or cooking with any kind of fuel, suited for all climates, from Klondike to Panama. Guaranteed stoves at lowest wholesale prices, sold direct to the user.

Monuments and Tombstones Granite and Marble, right from Vermont, beautiful and massive designs, at far less prices than local marble cutters ask you.

Fancy Vests Samples and styles.

DIVIDEND CERTIFICATES are free with all purchases you make from these Special Catalogues as well as from our large catalogue, but are not given with orders packed for shipment to foreign countries or to Alaska, Hawaii, Porto Rico, and the Philippines.

Montgomery Ward & Co.

Which Catalogue Do You Want?

Whichever one you ask for will be sent you by return mail, free and postpaid.

.....Grocery List
.....Seeds
.....Paints
.....Roofing
.....Wall Paper
.....Pianos
.....Men's Clothing
.....Youths' and Boys' Clothing
.....Women's Apparel
....Stock Foods and Stock Remedies
.....Sewing Machines
.....Baby Carriages
.....Safes
.....Farm Wagons
.....Cream Separators
.....Trunks
.....Mackintoshes
.....Corduroy
..... Carpets
.....Vehicles
.....Implements
..... Stoves
.....Monuments and Tombstones
.....Fancy Vests

Please send me free and prepaid one copy of each catalogue I mention.

Write Your Name_____

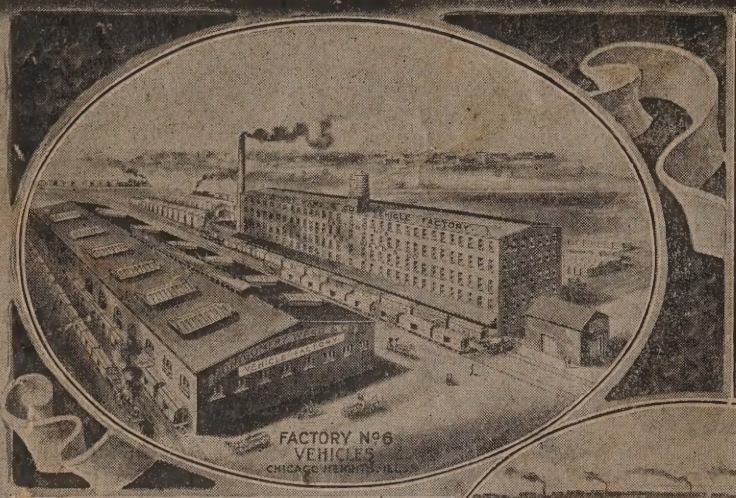
Post Office_____

County_____

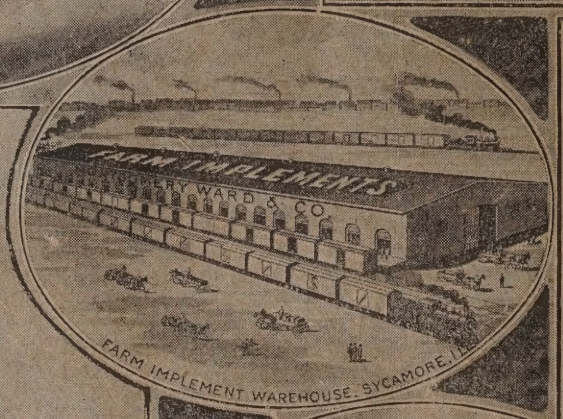
R. F. D. No._____ State_____

Copy this form and mail your copy to

Montgomery Ward & Co
Chicago and Kansas City

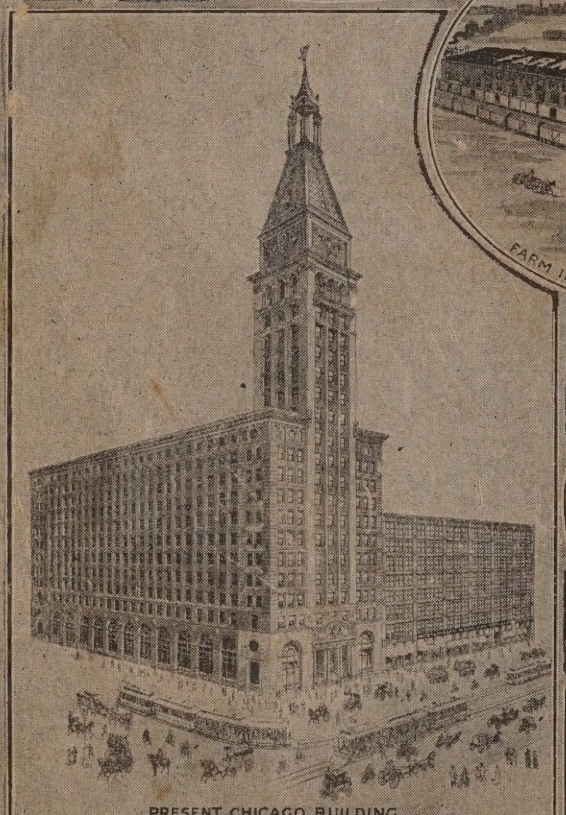


WAREHOUSE No 5



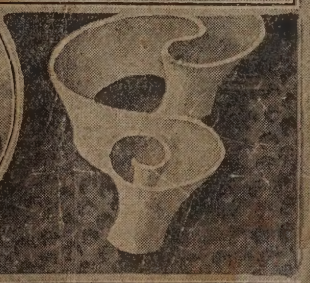
FARM IMPLEMENT WAREHOUSE, SYCAMORE, ILL.

WASHINGTON ST ANNEX

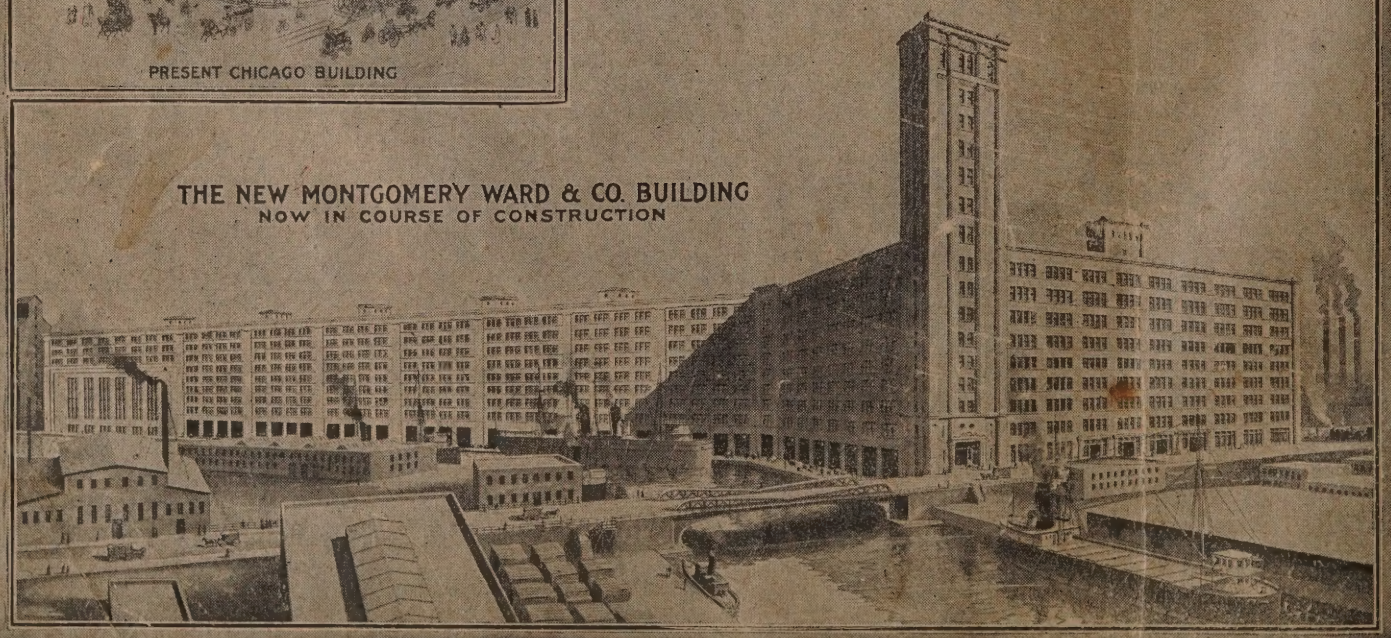


PRESENT CHICAGO BUILDING

KANSAS CITY BRANCH
15TH & LIBERTY ST.
KANSAS CITY MO



THE NEW MONTGOMERY WARD & CO. BUILDING
NOW IN COURSE OF CONSTRUCTION



W. F. HALL PRINTING COMPANY, CHICAGO